

LIFE



FRANCE'S NO. 1 SOLDIER

FEBRUARY 20, 1939

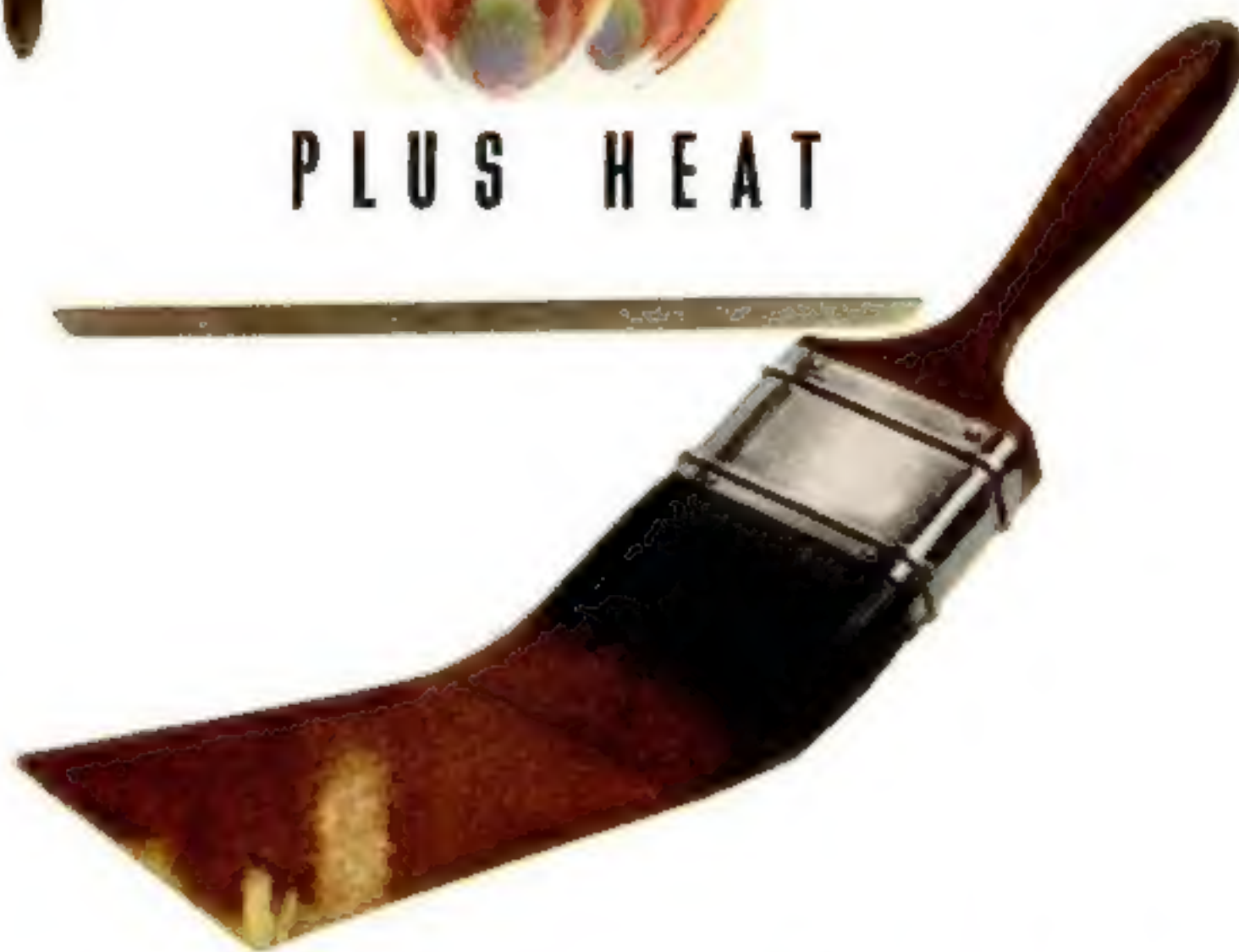
10 CENTS



OIL



PLUS HEAT



EQUALS ENGINE VARNISH

EVERY year the motor makers give us more horsepower without increasing the size of the engine.

This manufacturing magic provides constantly smoother running and greater economy.

But often this requires reduced clearances and exposes your oil to ever-increasing heats.

Under these conditions, old-style oil will form varnish under hard driving. This varnish can make rings stick, cause pistons to drag, steal power and reduce gasoline mileage, run down batteries through hard starting—actually cause “freezing” in some modern engines.

Havoline gives complete protection from this danger. Havoline is Insulated. It is protected from heat by a special process. *It does not form harmful varnish.* It provides a

factor of safety which old-style oils can not give.

Remember, too, Havoline is distilled. It leaves no hard carbon to cause knocking. You get the most from your gasoline. Quicker starting even in sub-zero weather!

There's no better oil at any price, for any car, in any weather. How about buying it today?

Stop where you see the Texaco Star. That's a sure sign of Insulated Havoline Oil, Fire-Chief Gasoline, dependable Marfak Lubrication, helpful, courteous service and clean Registered Rest Rooms.



The clean piston is as good as new. It was lubricated with insulated oil. The varnished piston seized. It was lubricated with an old-style oil.

TEXACO DEALERS INVITE YOU to tune in THE TEXACO STAR THEATRE—A full hour of all-star entertainment—Every Wednesday Night—Columbia Network—

9:00 E. S. T. 8:00 C. S. T.
7:00 M. S. T. 6:00 P. S. T.

Copyright 1939, The Texas Company



DISTILLED AND INSULATED
... AGAINST HEAT ... AGAINST COLD

This Studebaker couldn't be a better car *if it were built to order* for you!

Yet you pay nothing extra for its almost flawless craftsmanship

YOU'LL be spellbound by the stunning exterior style and the deep-bedded interior luxury of this beautiful new 1939 Studebaker. Don't be surprised if you're tempted to buy it without even taking a trial drive!

But good looks are only a starter. Wait till you've been the proud owner of this smart Studebaker a few months. Wait till you find out, through day after day driving, how well-nigh flawless your new Studebaker is, mechanically and structurally!

A better car because better built!

This astonishing ability of every Studebaker to stand up unimpaired—to provide extra years and extra thousands of miles of smooth-running, trouble-free service—is possible only because of Studebaker craftsmanship, the most expert and the most painstaking in the automobile world.

And Studebaker craftsmanship marches hand in hand with Studebaker progressiveness. For Studebaker is the Great Independent among automobile manufacturers, unfettered by other activities and other cars. And thus Studebaker gives you the benefit of the discoveries made in its engineering and research laboratories and on its 800-acre million dollar proving ground, sometimes years before anything similar is available in any other car.



A good man in the shop as well as in the ring is craftsman Jack Mooney, with 7 years' Studebaker experience to his credit. Amateur boxing is one of the many after-hours diversions indulged in by the friendly fellow-townsmen who build your Studebaker. The Studebaker Athletic Association is an organization of employees for the promotion of recreational and educational activities for Studebaker employees and their families.



Studebaker wins famous economy sweepstakes—the annual Gilmore-Yosemite run. A stock Studebaker Commander defeated every car regardless of price or size for the Gilmore-Yosemite Sweepstakes Trophy with an average of 25.78 miles per gallon under A. A. A. supervision. A Studebaker President Eight took first place in its class with 22.9 miles per gallon.

STUDEBAKER

PRICED DOWN CLOSE TO THE LOWEST

This One



WJ6L-DLD-Q624



Studebaker craftsmen are long-time neighbors—No transients are given employment in the great modernly equipped Studebaker factories. The 7,300 Studebaker craftsmen average 40 years of age and half of them have been on their Studebaker jobs 10 years or more. Pictured are the Terrys, Howard and Robert, a typical Studebaker "father and son" team.

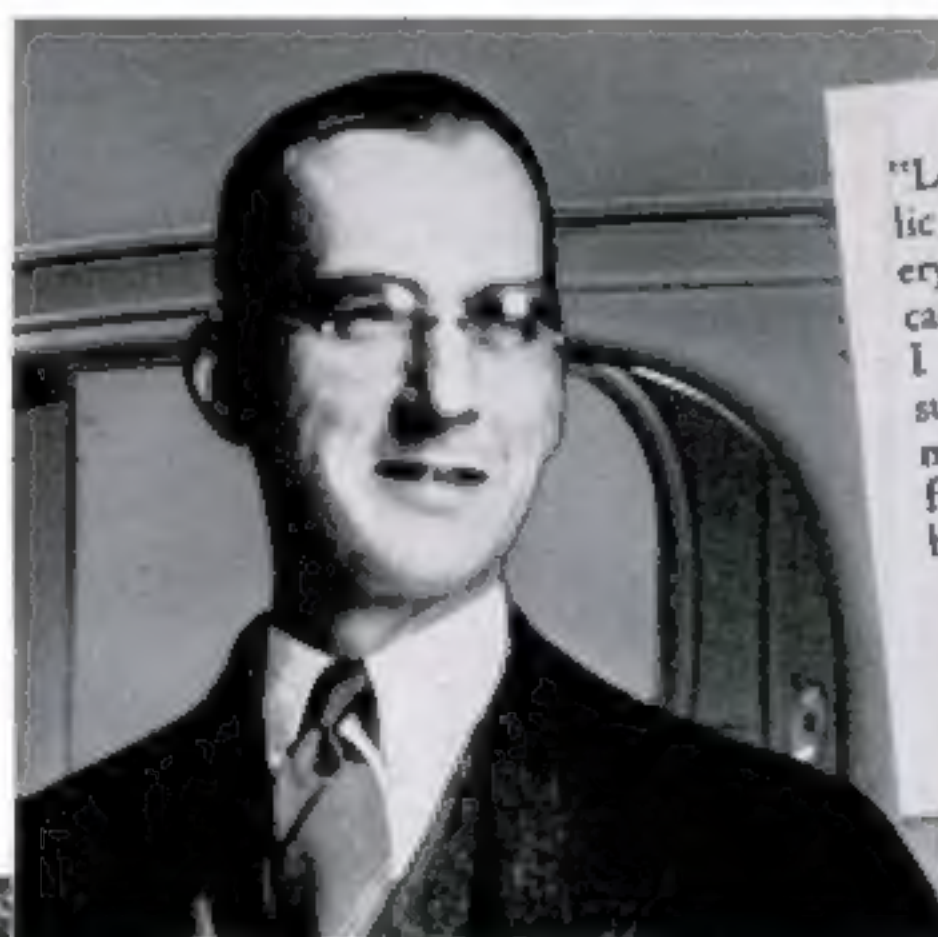
Look what you get in a 1939 Studebaker!

Well named "the world's smartest car" because of its Raymond Loewy styling the 1939 Studebaker is also "the world's outstanding car value." Included in its low delivered price are such Studebaker indispensables as:

Planar Suspension and its Miracle Ride • Automatic Hill Holder • Non-Slam Hancock Rotary Door Latches • Steering Wheel Gear Shifter, Over-size Trunk, Strongest Steel Body

At slight added cost, you get Studebaker's Automatic Overdrive and the Exclusive, New Studebaker Climaticor—a Central Fresh Air Heating and Ventilating System. It defrosts. It defogs.

See your local Studebaker dealer today. Low down payment—easy C. I. T. terms. Studebaker, South Bend, Ind.



"Long before you told the public about it, I made the discovery for myself that Studebaker cars are exceptionally well built. I congratulate you on having such a fine group of skilled craftsmen. They deserve much credit for the dependability of Studebaker performance."

Jim Larson
Duluth, Minn.



Keep your hair HANDSOME



DON'T LET DRY SCALP WRECK IT!

If your hair is hard to comb, seems dry and lifeless, remember this. Dry hair is apt to mean that your scalp is dry, too.

Over-heated rooms, hot sun, soap and water, all tend to dry out your scalp—take away the natural oils that should keep your hair good-looking and manageable.

Combat this condition. Begin using 'Vaseline' Hair Tonic this simple way. Use a few drops of 'Vaseline' Hair Tonic each morning while grooming your hair. See how much easier it is to comb... without any dousing... and without that "slicked down" look. Massage plenty of 'Vaseline' Hair Tonic on your scalp before each shampoo to stimulate the circulation, help to relieve excessive dryness.

'Vaseline' Hair Tonic is different. It contains no ingredients that might dry the scalp. Start using it today and see how quickly it will make a difference in the condition of your scalp—how manageable and handsome it will keep your hair!



Vaseline HAIR TONIC

REG. U. S. PAT. OFF.

Copy, 1939, Clamorous Mfg. Co., Canad

LETTERS TO THE EDITORS

Governor's Suit

Sirs:

In your Jan. 30 issue you state that the inaugural suit of Governor Wilbert Lee O'Daniel was woven at Texas Agricultural and Mechanical College. This is a horrible mistake. As a matter of fact, the suits of Governor and Mrs. W. Lee O'Daniel were woven at Texas Technological College from wool grown at the college.

WENDELL ADDINGTON

Texas Technological College
Lubbock, Tex.

Sirs:

Not only have you offended the loyal students of Texas Technological College, but the entire plains feels indignant.

BERNICE BURKETT

Texas Technological College
Lubbock, Tex.

Sirs:

I enclose a clipping from the Lubbock *Avalanche*:

"That suit Governor W. Lee O'Daniel wore to his inauguration was made at Texas Technological College.

"Everyone except LIFE Magazine seemed to have known that a long time ago. However, that periodical soon will learn, according to M. E. Heard, head of the textile engineering department at Texas Tech. He is asking every student of the college to write to the magazine's editors. That's a lot of letters—3,608—but Heard wants them sent."

CHARLES E. SENNING

Spur, Tex.

● Total number of Texas Tech students who have written to LIFE: 25.—ED.

Texas Nausea

Sirs:

As a Texan who is proud of his heritage, his State's great natural resources and its glorious past, your layout of pictures on the inauguration of W. Lee O'Daniel (LIFE, Jan. 30) brought forth a nausea similar to that experienced when one is forced to take an overdose of castor oil.

Just for the record all Texans are not for O'Daniel. In a moment of hysteria Texas went to the polls with the strains of *Beautiful Texas* ringing in their ears and when the ringing had subsided to just a dull ache, there was O'Daniel.

Now to the nation at large Texas has replaced Arkansas and the Ozark Mountains as the home of the hillbilly.

In his campaign he did not face an

Searcher

Sirs:

In your issue of Jan. 30 you say that real Hula dancers in Hawaii leave off the brassiere. There has not been a semi-nude dancer (at least not in public) in the islands for years. I spent 18 months over there and search though I might, I failed to find a half-naked Hula girl.

DAVID ROGERS

Fort Worth, Tex.

Sirs:

In reply to the many letters that you will get from Hawaii, denying that "Real Hula Dancers Leave off the Brassiere," allow me to frame your reply, thus: "For contributing to the appalling number of misconceptions about the Hawaiian Islands, LIFE bows a very fatuous head. For lending strength to the misconception most annoying to islanders, i.e., that the Hawaiian culture is dominated by undraped hula girls and wanton, unrestrained pleasure seeking, LIFE begs the people of Hawaii to consider it a most unworthy sheet."

BENNETT EDSON

Sewickley, Pa.

● LIFE appreciates Mr. Edson's efforts to help but has a better answer for Mr. Rogers and other American tourists. They have not searched hard enough. Hula dancers put on brassieres for visitors but leave them off when dancing among themselves.—ED.

Hit and Miss Game

Sirs:

I do wish Europe would cease playing this foolish game of "Hit and Miss" and that you magazine fellows would stop calling the score for 25% of your space.

I never was so tired of two men in all my life.

GEORGE L. PATTERSON

Canada Hill, British Honduras

● Reader Patterson is in for a long spell of weariness.—ED.

Transparent Bobby

Sirs:

In your issue of Feb. 6, you picture London's Battersea power works around which English "bobbies" now stand 24-hour guard because of bomb threats.

If these guards are as transparent as the "bobby" pictured—God Save the King! What trick of English propaganda or photomontage has put a policeman



issue. When asked about the tax and pension situation, he praised the beauties of mother love. When someone attempted to get a statement concerning the horse-racing problem he and his hillbillies got a saintly look on their collective pussies and sang *The Old Rugged Cross*.

Now that he is in office he advocates a tax bill destined to place an added tax load estimated to come to about 200 million dollars. This will come out of the pockets of Hillbilly O'Daniel's "Chosen People."

It's enough to drive a man to drink.

SAMMY WEST

Austin, Tex.

where none appears to have been before? Note how distant lights, buildings and reflections shine through the officer's body.

SEWARD A. COVERT

Cleveland, Ohio.

● The transparent effect is the result of the photographer's attempt to get a good picture of both the officer in the foreground and the power station in the background. He first made a time exposure of the power station, then had the officer walk into the scene and made a flash shot.—ED.

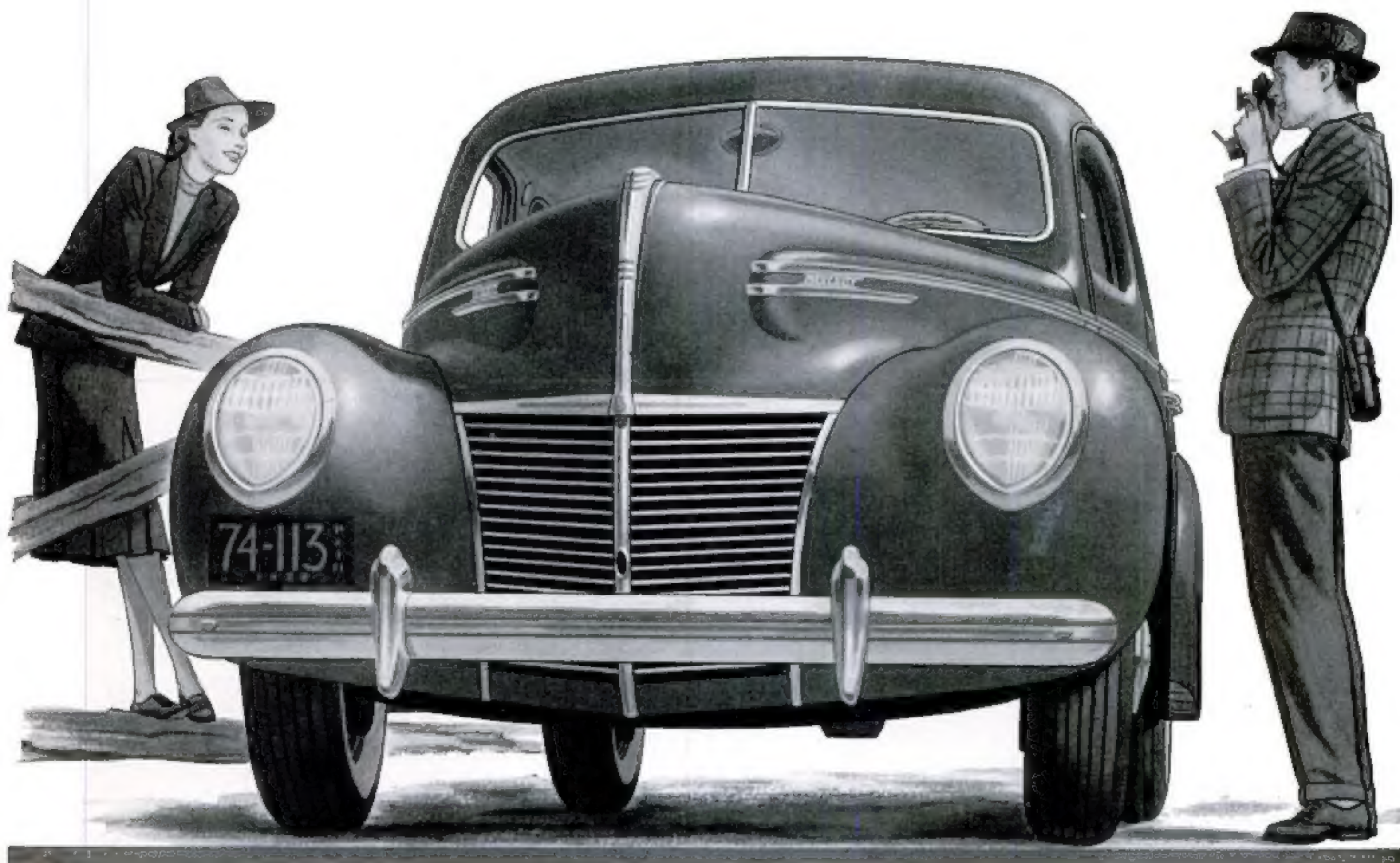
(continued on page 4)

Cameras and conversation quite naturally follow the Mercury 8, newest member of the Ford-Lincoln family. For the Mercury, wholly new in every respect, fulfilled the desire of many motorists for a car which, while substantially larger than the Ford V-8, would bring the same outstanding value to a new price field.

THE NEW

M E R C U R Y 8

A P R O D U C T O F T H E F O R D M O T O R C O M P A N Y



No DOUBT about wanting it. . . . This big and handsome car inspires in every one the desire to own and drive it. Truly modern . . . the latest word in style . . . and splendid value. 95-horsepower motor, rich appointments, eight beautiful new colors . . . all at a price for which a car of this quality has never been offered before.

You'll like driving this big car. The Mercury's long, low balance keeps it straight and steady. It steers with a smooth turn and a light touch. The hydraulic brakes are even, easy and positive.

But what about the cost of "feeding" a powerful V-8 engine? That's the best news of all and it's

coming to us in letters every day: "Wonderful gas mileage . . . on a recent trip I averaged better than 18 miles to the gallon" . . . from a woman in Indiana. And from Chicago: "We have kept an accurate check on our gasoline mileage and find that we have averaged 20.5 miles to the gallon."

The Mercury is the big car that costs surprisingly little to own and support. In every sense, it's a beautiful buy, and we hope you'll try it.

Ford Motor Company—Ford, Mercury, Lincoln-Zephyr and Lincoln motor cars.

FEATURES OF THE MERCURY 8

Long, impressive length; more than 16 feet over all (or, specifically, a 116-inch wheelbase). . . . Modern, flowing streamlines. . . . Inside: exceptional width and room for passengers; luxurious appointments and upholstery; deep, soft seat construction. . . . Thorough scientific soundproofing. . . . Balanced weight and center-poise design for smooth riding. . . . A 95-horsepower V-type 8-cylinder engine. . . . Hydraulic brakes. . . . And large luggage compartment for four or more bags.

FORD-BUILT MEANS TOP VALUE

FORD EXHIBITS AT TWO GREAT FAIRS THIS YEAR, NEW YORK AND SAN FRANCISCO

You're out in the Cold-



...till you get a Barbasol Face

If you think women don't notice, just shave with Barbasol for 10 days or so and see how your wife or sweetheart warms up to the improvement in your face.

Here's why:

A Barbasol Face is a smoother, younger-looking face because Barbasol does a whole lot more than give you the sweetest shave you ever had—

Its beneficial oils help to prevent razor-irritation, while you shave—and leave your skin soft and smooth and

supple, after you've shaved.

Why keep on torturing your skin with old-fashioned methods that bite and burn, tending to roughen and wrinkle your skin? Why be content with some other methods that leave a half-cut stubble?

Turn to Barbasol today and know the thrill of the quickest, smoothest shave in the world, plus fine protection for your skin.

Your druggist sells three sizes, large tube, 25¢; giant tube, 50¢; family jar, 75¢. Barbasol Blades, 5 for 15¢.



For modern shaving... No Brush—No Lather—No Rub in

LETTERS TO THE EDITORS (continued)

Naval Base

Sirs:

That drawing of a naval base in your Jan. 30 issue is a honey. I had never had but the vaguest notions of what a naval base was.

HOWARD P. HALL

Boston, Mass.

Screwy Footnote

Sirs:

Herewith a footnote to your story on Screwy California (LIFE, Nov. 21). This picture was taken in Vladivostok, Siberia, in 1937.

JACK FRERET

Chief Photographer, USN

U. S. Naval Air Station
Lakehurst, N. J.



SIGN IN VLADIVOSTOK

First Train Robbery

Sirs:

Your Jan. 30 issue states that Jesse James' hold-up of the Rock Island express at Adair, Iowa, in 1873 was the world's first train robbery. This is far from true. The world's first major train robbery was staged at Seymour, Ind., on May 22, 1868, by the three Reno brothers and George Anderson. And, although Jesse and his boys got only a paltry \$3,000, the Reno gang got more than \$100,000 in cash and securities.

The Reno gang staged train and bank robberies in Indiana, Ohio, Kentucky, Illinois, Missouri, Iowa and even southern Canada. The story of some of their activities is far more picturesque than that of Jesse James. For example, after the Seymour affair, railroad authorities called in the famous Allen Pinkerton, who finally located the Renos and Anderson living royally in Canada on their spoils. Since international law covered no such offense as train robbing it was necessary to cause a complete revision of international law before the Renos could be brought back to the United States.

The Renos were placed in the county jail at New Albany, Ind., one of the strongest in the Central States, to await trial.

Meanwhile, official laxness and an outbreak of train robbing around Seymour had caused the formation of a group of vigilantes who called themselves "The Regulators." Always wearing flaming red masks and working in great secrecy, the Regulators had hanged more than 14 suspected train robbers during the summer of 1868. On Dec. 13, 1868, there stole into snow-bound New Albany a "train of mystery." Without a headlight, its single coach shrouded in darkness, the train appeared from somewhere up the old J. M. & I. track, and stopping at the little station, disgorged dozens of red-masked phantoms who stormed the jail, hanged the three Reno brothers and Anderson, vanished as silently as they had arrived.

Although the Renos must have stolen hundreds of thousands of dollars during their career, little of the loot was ever recovered, and even today may lie buried in the hills of southern Indiana or neighboring states.

GEORGE F. JACKSON

Evansville, Ind.

Randolph Field

Sirs:

The pictures of Randolph Field (LIFE, Jan. 30) interested me so much that I thought I would tell you about it. These boys with wings will surely defend our democracy if dreaded war ever comes. In Germany boys are made to fly but in our country it is an honor to be an army pilot. (I hope some day I can go to Randolph Field.)

BOB TRAYNOR

Omaha, Neb.

Stereoscopes

Sirs:

I was interested in the stereographs published in your Jan. 30 issue.

I wonder how many of your readers know the technique for getting the depth of perspective from these pictures by viewing them with the naked eye, without the use of a stereoscope. Anyone who can look cross-eyed (don't laugh yet, please) can do this.

To perceive depth in these stereographic pairs, look fixedly at a pair, then cross the eyes slowly until one image is exactly superimposed upon the other. When you have done this correctly, there will be three images before you in your visual field. Focus your attention on the central image, which is really both of them, that is, one superimposed upon the other. What you do by this maneuver is simply to look at the left picture with your right eye and the right picture with your left eye.

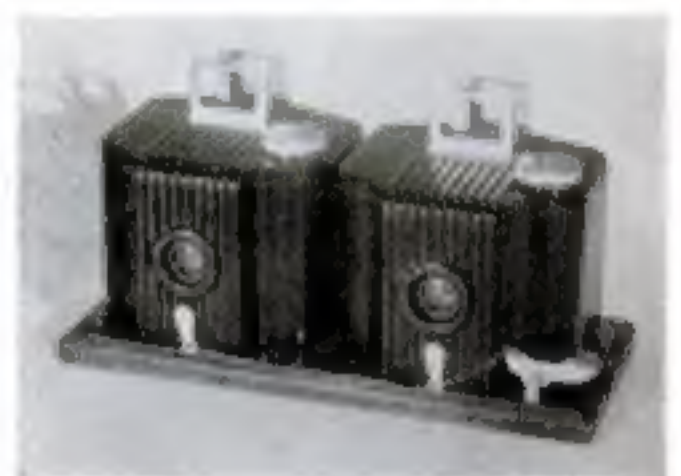
LESTER A. CROWELL JR., M.D.

Gordon Crowell Memorial Hospital
Lincolnton, N. C.

● Dr. Crowell's method works but may give you a headache.—ED.

Sirs:

Speaking of stereograms, probably few of your readers realize they can get a photographic something for almost nothing. They can buy two \$1 Baby Brownies, connect them as shown in enclosed cut and take excellent stereoscopic pictures.



MR. BREEDING'S CAMERA

Earlier stereograms were lacking in personal interest. With the cameras suggested, photographs of friends and local scenes may be made that are of unending interest.

HOWARD B. BREEDING

Waterbury, Conn.

Parallel

Sirs:

Why shouldn't artists put navels on Adam and Eve if they want to (LIFE, Feb. 8)? First automobile makers put whip sockets on their cars.

M. V. ATWOOD

Rochester, N. Y.

Two Mrs. Dillings

Sirs:

Please refer to your Picture of the Week (LIFE, Jan. 23) and comments concerning Mrs. Elizabeth Dilling. "Once a concert harpist, she says she will not touch the strings again until sound American principles once more rule the United States Government."

Inasmuch as I am playing 50 concerts in the United States this season, I hope LIFE readers will not confuse the author of *The Red Network* with me.

MILDRED DILLING

New York, N. Y.

The "Press-and-Lift" test tells you more in 2 seconds than the cleverest corset ad we could write...



Before you go to bed tonight, make this convincing test. Learn the secret of youthful figure without sacrificing health and comfort!

IT'S so simple! First you *press down* on your stomach! Ugh! Doesn't feel so good, does it? Everything inside feels cramped. Even your shoulders hunch and your back bends. You sag all over. Not so pretty that way. But that's what an oldstyle corset does to you. It holds you *down*... sure. But not with comfort. Such crowding at the waist and cramping, downward pressure can do permanent damage to health. That's why you often feel better the minute you get your girdle off.

Now see what happens. Instead of pressing down, lower your hands a bit and *lift up*. There! Isn't that a relief? Your head goes up. Shoulders square. Bosom is high and back straight. You even breathe more easily. You walk with more poise. Know why? Because you're giving natural aid and support to tired muscles.

Your own doctor can tell you what that means to your health. That's exactly what happens when you wear a Spirella. Because Spirella is designed from the pubic bone upward parallel with natural muscular pull. That's why Spirella does more than most other style garments (whether made-to-measure or bought-over-the-counter).



First PRESS! Put your hands on your stomach, at the waistline, and press down hard. That's the crowding-squeezing feeling, the downward pressure you get with an oldstyle corset. It causes muscular sag... a real menace to health and good looks.



Then LIFT! Now place your hands a little lower and lift up! Feels grand, doesn't it? That tells you more than a book of words what Spirella can mean to your looks and health. Because Spirella is designed to give you the support nature intended.

Style plus healthful comfort. Here's a safe scientific way to restore the sagging muscles that cause bothersome bulges.

Too much tummy, spreading hips, spare tire waist, all start because muscles lose elasticity and tone. You'd be surprised how Spirella's natural support slims you, too... gives you the smooth, clean lines today's fashions require. And all with such blissful comfort, you feel you are walking on air.

This natural support doesn't depend on heavy, stiff bones, but on the design of the garment itself. Flexible Spirella stays let you bend or twist freely. And your garment stays put... no awkward riding up.

See your figure 10 years younger in 10 minutes. The Spirella Corsetiere can prove this to you, right in your own home. She'll practically make you over with the patented Spirella Modeling Garments, so you can see how your new Spirella will look and feel before one stitch is taken.

Free preview in your own home. Without spending a penny, you can see this mir-

acle in your own mirror. The Spirella Corsetiere will gladly take a few minutes to prove it with a Modeling Garment Preview. Then try on that sleek dinner dress you thought you'd never get into again. You won't know yourself! Look up "Spirella" in your phone book, or send the coupon below.

Send for Free Booklet. Our 16-page illustrated booklet, "The New Art of Figure Grooming" is a real guide to beauty. Tells how to keep your figure young through diet, exercise, dress and selection of the right foundation. Clip coupon today.



It Fits... All Over! Your garment is made by skilled designers from detailed measurements of your improved figure. Whether a girdle, corset and "bra", or all-in-one, there's a choice of lovely fabrics. Keeps its shape far longer than the usual life of a corset.

LOOK BETTER WITH

Spirella

FEEL BETTER, TOO!

Spirella, Dept. F-1, Niagara Falls, N. Y., or Oakland, Calif. (In Canada, Niagara Falls, Ontario).

Please send me your free illustrated booklet "The New Art of Figure Grooming" without obligation.

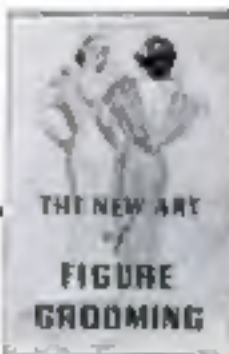
Name _____

Street _____

City _____

State _____

Opportunity for ambitious women to make permanent income in Spirella Corsetry. For details check here ☐



THE NEW ART
OF
FIGURE
GROOMING

SPEAKING OF PICTURES . . .

These are the birthplaces of our Presidents

The observance next week of Washington's birthday centers attention on the 31 Americans who have been President. Shown here are their birthplaces, except for Jefferson's, marked only by a tablet, and that of Madison who, while not born in his father's house (*below*), moved there when he was six weeks old. As a graphic view of American democracy, these pictures show that we have found more leaders in log cabins (Jackson, Polk, Buchanan, Lincoln, Garfield, Arthur and Harding, whose birthplace was later remodeled) than in fine mansions (Washington, Jefferson, Madison and Roosevelts I & II). At the same time our basic lack of class consciousness is mirrored in the fact that some of our greatest liberals (Jefferson, Madison and the two Roosevelts) were born amid plenty, while some of our greatest conservatives (Grant, Benjamin Harrison, McKinley, Harding, Coolidge and Hoover) came from modest homes.



GEORGE WASHINGTON: WAKEFIELD, VA., FEB. 22, 1732. THIS IS A REPLICA



JOHN ADAMS: BRAINTREE, MASS., OCT. 30, 1735



JEFFERSON: ALBEMARLE CO., VA., APRIL 13, 1743



JAMES MADISON: PORT CONWAY, VA., MARCH 16, 1751



JAMES MONROE: WESTMORELAND CO., VA., APRIL 28, 1758



JOHN Q. ADAMS: BRAINTREE, MASS., JULY 31, 1767



ANDREW JACKSON: WAXHAW, S.C., MARCH 15, 1767



MARTIN VAN BUREN: KINDERHOOK, N.Y., DEC. 5, 1782



WILLIAM H. HARRISON: BERKELEY, VA., FEB. 9, 1773



JOHN TYLER: GREENWAY, VA., MARCH 29, 1790



JAMES K. POLK: MECKLENBURG CO., N.C., NOV. 2, 1795



ZACHARY TAYLOR: ORANGE CO., VA., NOV. 26, 1784



MILLARD FILLMORE: CAYUGA CO., N.Y., JAN. 7, 1800



FRANKLIN PIERCE: CONCORD, N.H., NOV. 23, 1804



JAMES BUCHANAN: MERCERSBURG, PA., APRIL 28, 1793



ABRAHAM LINCOLN: REPLICA OF LOG CABIN IN WHICH HE WAS BORN IN HODGENVILLE, KY., FEB. 12, 1809



ANDREW JOHNSON: RALEIGH, N.C., DEC. 29, 1828



ULYSSES S. GRANT: POINT PLEASANT, OHIO, APRIL 27, 1822



RUTHERFORD B. HAYES: DELAWARE, OHIO, OCT. 4, 1822



JAMES A. GARFIELD: ORANGE, OHIO, NOV. 19, 1831



CHESTER A. ARTHUR: FAIRFIELD, VT., OCT. 5, 1830



GROVER CLEVELAND: CALDWELL, N.J., MARCH 18, 1837



BENJAMIN HARRISON: NORTH BEND, OHIO, AUG. 28, 1833



WILLIAM MCKINLEY: NILES, OHIO, JAN. 29, 1843



THEODORE ROOSEVELT: NEW YORK CITY, OCT. 27, 1858



WILLIAM H. TAFT: CINCINNATI, OHIO, SEPT. 15, 1857



WOODROW WILSON: STAUNTON, VA., DEC. 28, 1856



WARREN G. HARDING: CORSCICA, OHIO, NOV. 2, 1855

How can a man forget so soon?



A year ago I marched down the aisle in my wedding veil. Bob promised to love me forever. But before very long, the quarrels began...



First it was his shirts. He said his mother used to wash them lots whiter. Gradually the nagging got worse—my curtains looked "dingy," my linens were a "disgrace." I thought he'd completely forgotten his promise, until...



My next-door neighbor caught me crying and promptly tossed my woes out the window. She told me my clothes had tattle-tale gray because they were only half-clean. She said I worked hard, but my lazy soap just didn't wash out all the dirt.



Quick as you please, I took her advice and changed to Fels-Naptha Soap. And glory, what a difference! That richer golden soap blended with gentle *naptha* hustles out every speck of dirt and my things simply shine like snow. Now Bob says he married a wonder. And I'm so glad that wonder is *me!*

COPY. 1939, FELS & CO.

BANISH "TATTLE-TALE GRAY"
WITH FELS-NAPTHA SOAP!

TUNE IN! HOBBY LOBBY every Wednesday night. See local paper for time and station.

SPEAKING OF PICTURES

(continued)

Franklin Roosevelt was born with a silver spoon in his mouth in the most elaborate birthplace of any President. This was the rambling 72-room house on his family's 1,200-acre estate (*bottom*). He is another example of a liberal President who was to the manor born, just as Coolidge and Hoover are examples of conservatives born in very modest surroundings (*below*). Coolidge hailed from a story-and-a-half frame house where his father ran a post office and general store on the ground floor. Hoover started life in the two-room house of his father, a blacksmith.

As a nation we have been shamefully lax in preserving the birthplaces of our Presidents for posterity. Roosevelt II is the only President who willed his to the Government. Hoover's is owned by his son, and Coolidge's is owned privately. Of recent Presidents, Taft's, Wilson's, McKinley's and Theodore Roosevelt's are in semipublic hands. Only replicas mark those of Washington and Lincoln, and those of most of the 22 other Presidents have been either destroyed or left to the discretion of their private owners.



COOLIDGE WAS BORN IN WING OF THIS PLYMOUTH, VT. STONE, JULY 4, 1872



HOOVER WAS BORN IN THIS WEST BRANCH, IOWA, COTTAGE, AUG. 10, 1874



ROOSEVELT WAS BORN ON HIS FAMILY'S HYDE PARK, N.Y. ESTATE JAN. 30, 1882

"TO SHAVE FAST, WITH COMFORT—

**DO AS
BARBERS
DO...**

**USE
COLGATE
LATHER**

2 OUT OF
3 BARBERS
USE COLGATE
LATHER...
THE FAST
FRIENDLY
SHAVE!

Signed

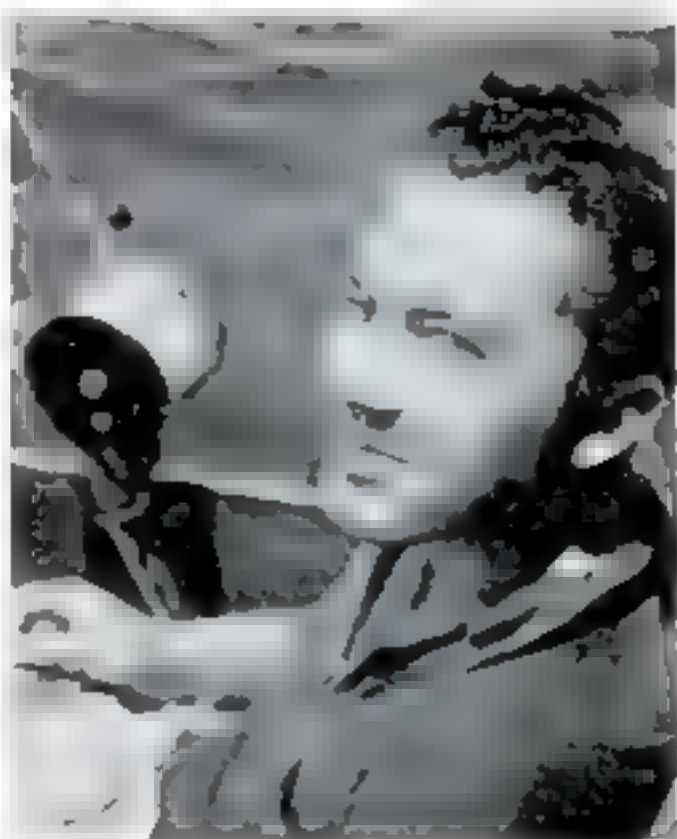
Robert Hefter
Head Barber, Hotel
Pierre, New York City

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LIFE'S PICTURES



W. Goadby Lawrence, who painted the game fish on page 29, has been catching and painting fish ever since he was seven years old and began to fish for snappers in the Shrewsbury River in New Jersey. He is now 25 and has graduated to big-game fish both for sport and art. An accomplished angler, he has been a member of the past two American team teams which compete against foreign teams in an annual tournament off Nova Scotia. His paintings have been frequently exhibited, were used to illustrate Van Campen Heilner's book *Salt Water Angling*. Lawrence lives in Fairhaven, N. J. His great-grandfather was one of the founders of the New York Stock Exchange.

The following list, page by page, shows the source from which each picture in this issue was gathered. Where a single page is indebted to several sources credit is recorded picture by picture (left to right, top to bottom), and line by line (lines separated by slashes unless otherwise specified).

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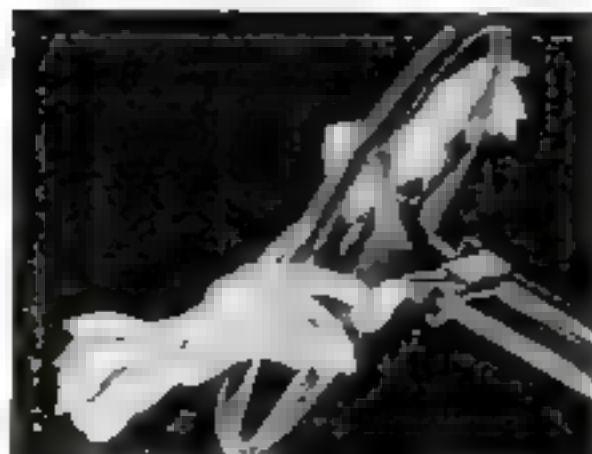
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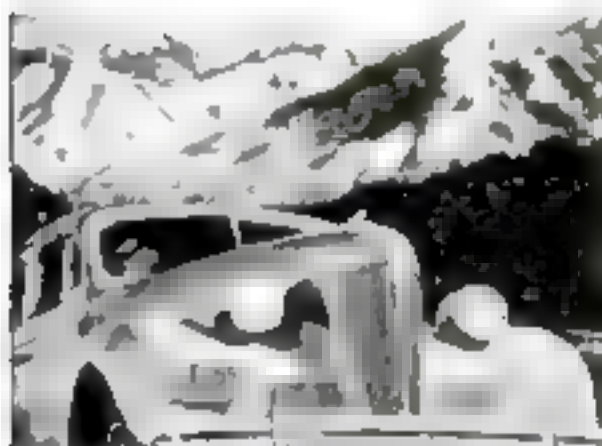


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LIFE

Vol. 5, No. 8

February 28, 1939

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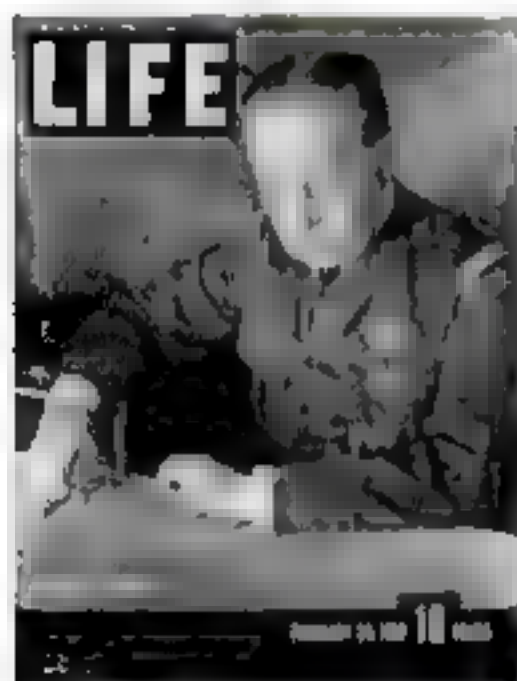
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LIFE'S COVER: The dapper French officer is General Marie Gustave Gamelin, who, as Chief of the French Army General Staff, vice president of Superior Council of War, Chief of Staff for National Defense, holds more power than any French soldier since Napoleon. Gifted with a prodigious memory, he knows almost every foot of France by heart and all Napoleon's campaigns. He has been a professional soldier since he was 21 but has found time to become a hunter and opera fan. An article about him by Captain Liddell Hart appears on pages 56-63.

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SORRY, JANE. LORD STAY-AT-HOME SAYS "NO!"

1. SO THE NEXT DAY AT BREAKFAST—

JUST IMAGINE, STAYING HOME EVERY NIGHT AT YOUR AGE. WHERE'S YOUR OLD-TIME PEP? AND THAT REMINDS ME—

2. THEY SAY YOU'VE GOT TO HAVE VITAMINS FOR PEP—AND I'VE HEARD OF A DELICIOUS CEREAL CALLED KELLOGG'S PEP THAT'S ENRICHED WITH VITAMINS B AND D. YOU ARE GOING TO GET IT EVERY MORNING

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YOU DON'T KNOW HOW MUCH BETTER I FEEL! THOSE VITAMINS ARE WONDERFUL THINGS, PEGGY!

IF YOU, TOO, HAVE LACKED VITAMINS, DISCOVER THE GRAND THINGS THEY CAN DO FOR YOU! AND TO HELP GET YOUR VITAMINS, EAT KELLOGG'S PEP! IT'S A SUPREMELY



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THROUGH THE SNOWS OF A PASS IN THE PYRENEES NEAR OLOT, SPANISH MEN AND WOMEN DRAG THEMSELVES AND THEIR WORLDLY GOODS DOWN INTO A VALLEY OF FRANCE

SPANIARDS FLEE TO FRANCE IN GREATEST MASS EXODUS OF MODERN TIMES



GENERAL YAGÜE PINCHES OFF BARCELONA

Asking and expecting no pardon from Rebel Generalissimo Franco, some 300,000 Spanish Loyalists finished on Feb. 10 a flight from Spain that, for speed and numbers, dwarfed the exodus of the Jews from Egypt. One jump ahead of the Rebels, whose General Yagüe had pinched off Barcelona Jan. 26, the first civilian stampede had covered the 100 miles to the French frontier posts of Cerbère, Le Perthus and Bourg-Madame by Jan. 28.

They came first by hundreds, then by thousands, then by tens of thousands, ragged, starving, frozen, dying. Women and children were barelegged, sometimes barefooted. Some had given birth to children on the road. Some tried to save their little herds of black goats and sheep. Children carried babies, tears streaking the faces of both. A 20-in. fall of snow blanketed all this misery in yet more misery. And the passes were suddenly strewn with the bodies of the frozen. Bands of gypsies scavenged on the edge of the crowd. And at the border speculators bought up their pesetas for centimes, on the chance that Franco might honor them.

By Feb. 6 a very different horde appeared—the Army of the Spanish Republic, outfought but not

broken—green-uniformed Catalans, Assault Guards in blue, the blue-caped Mounted Police, the Germans of the 11th International regiment, Italians of the 12th, Poles and Czechs of the 13th, French and Belgians of the 14th, English-speaking men of the 15th. The passes rang with shots as they used their last cartridges on the Spanish scenery. From Figueras, 18 miles away, came the rumble of the castle blowing up with 1,100 tons of explosives. Last to appear, at Puigcerda, were the fresh troops of Colonel Modesto, complete with artillery. They blew up Puigcerda and crossed to France, two hours ahead of the red-and-gold flag of the Rebel advance guard. At 2 40 p. m., Feb. 10, the Rebel Navarrese appeared at the border, played the Rebel anthem, and the conquest of Catalonia was complete. There remained the Loyalists' central zone between Madrid and Valencia.

A few Loyalists cried "On to Valencia!" but whether the defense of Madrid was to get at least 100,000 crack troops depended on the vacillating French Government. Last week France seemed more anxious to arrange a graceful recognition of Generalissimo Franco as the only legal government of Spain.



The conquering Navarrese parade down Barcelona's Passeig de Gràcia. The flag is the old, monarchical red-gold-red,

symbolizing river of gold between two rivers of blood. The Republic replaced one band with purple (for intelligence),

The girls of Barcelona changed overnight from the clenched fist to the fascist salute. These parade cheerfully down Bars-

celona's famed Rambla Catalunya past a corset shop. They too carry the old monarchy's red-gold-red banner and sing

BARCELONA FALLS TO THE CONQUERORS FROM NAVARRE



On Jan. 25 the insurgent armies of Generalissimo Franco reached the outskirts of Barcelona and stopped to feed out the Catalans' resistance. To their amazement, there was none. Next day they marched in, mostly the hard-fighting men of Navarre. The Rebel High

command promptly filled the city with parades (left), masses (right) and Rebel slogans in tar. One soldier tied to the tail of a monkey *above* a torn picture of President Azana who was then fleeing toward the French border. General Franco did not enter Barcelona but his slogan, of *Pan y Paz*—Bread and Peace—was what concerned the Catalans. His commissary found a half-starved population of 2,000,000, began distributing bread by the truckload. Unemployed were ordered to pay a month's wages in advance in Rebel currency. The Bishops of Tarragona and Barcelona came out of prison and out of hiding. Some 18,000 police took over the city from the army, and Barcelona began to settle down into an enforced peace.

the Rebel anthem, *March Real*. More conservative than their brothers and fathers, these girls like the winning army.





The conqueror, General Juan Yagüe, kneels before his throne-chair at an open-air mass in Barcelona's Plaza de

Catalunya. In background is the Hotel Colon, whose tower is seen again in the picture below, at lower right. Behind

Yagüe are Generals Martín Alonso, Barrera, Vega. Yagüe and Soldevilla moved off to chase Loyalists to the border.

Barcelona prays, massed in the Plaza de Catalunya, with the conquerors who brought open and official Catholic wor-

ship back to Catalonia. Here 10,000 pious are gathered in the heart of Barcelona. The famed Ramblas run off the top

left of the picture toward the port. The tower at the lower left is the International Telephone and Telegraph building.



(continued)

THE GREAT FLIGHT TO FRANCE



The final dash from Barcelona to the French border was run after cool, deep snow and slush. This caravan has

just crossed the border between Pungorby and Bourg-Madame. In the far hills is famed La Molina Skiing Club.

Down this road later marched the Arago's column after blowing up Pungorby and taking a last shot at Le Refuge.



Family of three finishes a 100-mile hike in a snowstorm in a Pyrenees pass. They're just short of the French border.



At the start of the great civilian trek from the Ebro to Barcelona and on to France, a bomb killed this dazed old woman.

an's horse, mule and donkey on the train road out of Tarragona, next to an olive orchard. She holds a few spoons.

The unbroken Army of Catalonia crawls back and back, hammered by an overwhelming superiority in field guns,

planes and tanks. On Feb. 19 the last of it crossed the French border. Though its discipline did not compare with

that of the German Army's retreat in 1918, it had never been smashed. About 400,000 men marched into France.





TWO GARDES MOBILES OF THE FRENCH ARMY LOOK ACROSS THE LA SILLA PASS AT SPAIN AND THE VANGUARD OF THE SPANISH LOYALIST REFUGEES

The scene above is where most of the Loyalist refugees entered France—the Pyrenees pass at Le Perthus through which in former times rode Hannibal, Charlemagne and Napoleon. The Spanish farmhouse beyond has been gutted by fire, and its smoke mixes with the morning mist. The exact border is the stone bridge in the valley, shown again on the next

page. The border chain is still up, and some refugees and deserters are camped on the opposite side, while a stoic mob waits on the bridge. Obscured road signs at lower left advertise local hotels to passing tourists on the main motor road. A little later the French opened the border, appalled by the prospect of the whole Loyalist Army stampeding through the pass.

THE SPANISH HORDE APPROACHES CHARLEMAGNE'S PASS TO FRANCE

CONTINUED ON NEXT PAGE

IN FRANCE REFUGEES FROM THE SPANISH WAR FIND SANCTUARY



The border is opened at Le Perthus Jan. 27 and the first hordes of civilians plus one Assault Guard deserter and one militiaman pour into France.

The border line is the stone bridge in the background. Nearly 200,000 Spaniards passed this way.



An endless column of fear comes up to French customs houses on the coast between Port Bou and Cerbere. Beyond the mill...



Deserters from the Loyalist armies are searched and disarmed by French soldiers at Le Perthus. Broken units arrived this

way but on Feb. 7 the Loyalist Army began marching up to the border, in perfect order, still fighting a rear-guard action.



A wounded man is borne into Le Perthus by his friends. A Rebel bomb splinter hit him on the long road. The girl on the left...

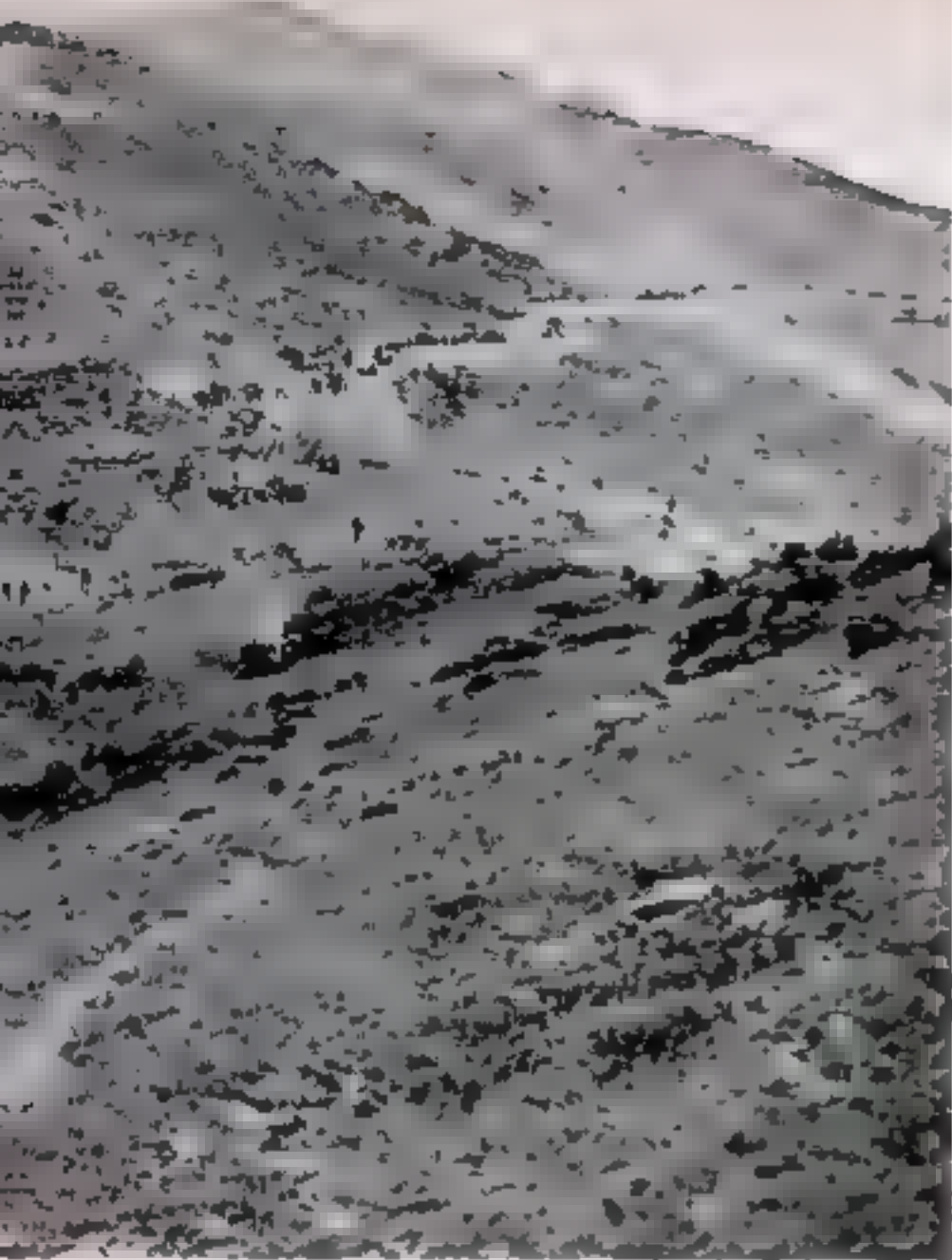
The blind and halt (left and right) travel together. These two soldiers are typical Catalans.

A man dies, just short of France, attended only by his daughter. The long hike and the cold killed many refugees.

The children of war have lost their legs. On crutches, they hunch slowly along past the olive groves en toward France.

Two lieutenants (two bare on so eye and on the left)





es the Mediterranean (lower left), beneath it is a train tunnel also filled with refugees. Notice Barcelona-Paris telephone line.



Just beyond Cerbere, 50 Spanish war orphans are handed to the French. Their parents had died long before the fall of Bar-

celona. These are far more warmly dressed than the children who later came across the line on the run with their parents.



wears canvas sandals. The girl at the right wears the ankle socks currently fashionable among the Barcelona proletariat.



The Loyalist clenched fist is presented by Loyalist deserters in a Le Perthus barn. Right fist to forehead is the army salute.

ute. Right fist high in air is the Communist salute, adopted by many non-Communists. The Anarchists have no salute.

(Breast) have lost, one an arm, the other a leg.

A piece of tire is used by this legless veteran to protect his stump as he drags over the ground.

Child with no legs at all is borne by two French Gardes M6iales to a French hospital at the border

Three in flight. The two men who are helping the sick old woman to the border are a Basque chauffeur and a road worker,



LIFE ON THE NEWSFRONTS OF THE WORLD

Mediterranean becomes Europe's trouble-center; a great Pope dies; Roosevelt keeps fighting

The picture news of the week was one of the vastest and most tragic spectacles of modern times—the conquest of Catalonia by Generalissimo Franco (pp. 13-18). In the realm of high politics, the Rebel victory put a perilous challenge to France, for the Italian allies of Franco last week threatened to stay in Spain until they had won a "political victory." The man to whom this meant most is France's Generalissimo Gamelin who must be ready to defend France on the Pyrenees, on the Alps, or on the Rhine. LIFE this week shows the life and works of Gamelin and his highly proficient army, which is more than a match for Italy's (see p. 36). The importance of Spain to Gamelin, to Mussolini, to the British Admiralty, is largely dictated by its position on the Mediterranean. On pages 33 to 37 LIFE sets forth the strategy and history of this crowded and focal sea. Last week Franco also chimed in that "no Mediterranean settlement" can be complete without him. As though preparing for trouble, Mussolini last week recalled from the Caribbean Sea two Italian cruisers on a good-will tour. For the same reason the British asked Franco to guarantee that no Italians would set foot on Minorca. And the controlled Italian press called British and French moves to get Italians out of Spain "the meddling . . . of vultures."

Death of Pius. "Achille!" quavered lean, strong Eugenio Cardinal Pacelli, Papal Secretary of State, in the early dawn of Feb. 10.



PACELLI

From the white, still, shrunken figure on the bed before him, lit by flickering candles, came no sound or stir.

"The Pope," cried Cardinal Pacelli to the assembled cardinals, priests and guardsmen (see cut), "is truly dead."

With this ancient rite, ended the 17-year reign of the scholar-librarian Achille Ratti who became Pope Pius XI, the "Pope of Peace," spiritual ruler of 330,000,000 Catholics. In Vatican City, over which he regained temporal authority by the Lateran Treaty of 1929 and of which he was the greatest builder and modernizer since the Renaissance (LIFE, Dec. 26), began at once his majestic, ten-day obsequies. As all the world mourned this great-souled fighter in the cause of peace and human decency, cardinals from the ends of the earth, including America's three princes of the Church (see p. 22), began hurrying to the Vatican for the election by March 1 of a new Pope.



POPE ON DEATHBED

No Quiet on the Potomac. That President Roosevelt had badly fumbled the public relations job on his current foreign policy, clouding his intentions in a miasma of secrecy and suspicion, was conceded even by his friends last week. To postpone debate until overheated Senators had cooled off a little, his friends in the Senate kept that body in recess most of the week.

One report of his historic secret conference with the Senate Military Affairs Committee (LIFE, Feb. 13) that the President did not deny was that he had painted an exceedingly gloomy picture of the imminent likelihood of a world crisis dangerously involving America, so gloomy indeed that he had warned Senators not to reveal the details lest the American people become alarmed. But the President's actions last week indicated that he did not really believe a crisis so imminent as was reported. Far from moving to quiet domestic quarrels and unite the country behind him, Franklin Roosevelt kept Congress and the country stirred up with all of his oldtime fighting fervor.

His nomination of Wisconsin's radical ex-Congressman Thomas Amlie to the Interstate Commerce Commission roiled front pages as Mr. Amlie appeared before a Senate Committee to deny that he is a Communist but concede that he had put himself on record as believing that "capitalism is not worth saving."



AMLIE

Back in the faces of an economy-minded Congress, which had just pared \$130,000,000 off of his requested \$875,000,000 Relief appropriation, the President flung a demand that "in human decency" the \$130,000,000 be immediately restored.



GLASS & BYRD

He carried on an acrid debate with Senators Carter Glass and Harry Flood Byrd over Senatorial interferences with his appointments to the Federal bench (see below).

Commented the New York Times's Arthur Krock: "It is in the nature of the New Deal to talk, act and react constantly. Restiveness is of the essence of this administration from the President down. One proposal is swiftly followed by another, and if Congress rejects any, it is promptly renewed. Some kind of emergency is always being discovered. . . . Everything the President has said or done lately points to the conclusion that he intends to go on fighting with Congress or any group which offers him less than he asks. . . . Probably never in Mr. Roosevelt's time will there be quiet along the Potomac."

For Better Judges? No longer afraid to fight back, the Senate on Feb. 6 by a smashing vote of 72-to-9 rejected President Roosevelt's nomination of Judge Floyd H. Roberts to be a U. S. district judge in Virginia. Reason: both Senators from Virginia, Glass and Byrd, had declared the nomination "personally obnoxious" to them.

The Constitution says that the President shall

appoint Federal officers "with the advice and consent of the Senate." By custom, followed hitherto by Mr. Roosevelt as well as his predecessors, a President usually follows the recommendations of his Party's Senator or Senators from the State concerned when filling high Federal posts. But this time the Virginia Senators—both arch-conservative anti-New Dealers—charged that President Roosevelt had ignored their recommendations and taken that of their political foe, New Deal Governor Price.



BIDDLE

When the Senate rejected his nomination, President Roosevelt hotly sent off a letter to Judge Roberts in which he plainly accused revered old Senator Glass of lying, disputed Senators' right thus to veto his nominations.

New Dealers declared that this unseemly political wrangle was but the opening gun in a Presidential campaign to lift the Federal bench entirely out of politics, pick judges solely on their qualifications to judge. That this might indeed be the President's worthy aim appeared on Feb. 9 when, ignoring the recommendations of two such good New Deal Senators as Pennsylvania's Guffey and Ohio's Donahey, he nominated to be circuit judges Francis Biddle of Philadelphia, onetime National Labor Relations Board chairman, and Ohio State University's Law Dean Herschel W. Arant—both high-class, non-political jurists.

Good News for Business.

Since 1934 President Wendell L. Willkie of Commonwealth & Southern Corp. has been trying to sell the Government his great holding company's Tennessee Electric Power Co., chief victim of TVA competition. But though its properties represented an \$86,000,000 investment, TVA offered only \$35,000,000 for them. Announced on Feb. 4 was the sale of Tennessee Electric to TVA for approximately \$80,000,000—a personal triumph for Mr. Willkie and the most heartening gesture business men have had from Washington in many a moon.



WILLKIE

PICTURE OF THE WEEK

In midwinter the European merchant marine diverts its finest ships from trans-Atlantic runs, packs them off to the western hemisphere to take Americans on vacation cruises through southern waters. On the opposite page you see ten of the finest foreign ships afloat, flanking Manhattan's midtown waterfront on the morning of Feb. 3. Looking northward up the Hudson from 44th to 56th Streets, the ships are: the *Hamburg*, *Bremen*, *Columbus*, *De Grasse*, *Normandie*, *Britannic*, *Aquitania*, *Conte di Savoia* (then a small freighter), the *Fort Townshend* and the *Monarch of Bermuda*. Day later the waterfront was dreary as a closed theater. All but the *Hamburg* had sailed.



Winter cruises bring ten fine foreign liners to New York's Hudson River waterfront

U. S. CARDINALS SAIL FOR ROME TO CAST BALLOTS FOR NEW POPE



The death of Pope Pius XI on Feb. 10 found two of America's three cardinals vacationing in southern latitudes. Cardinal Mundelein of Chicago hastily left Hobe Sound, Fla., by train (*above*), boarded the Italian liner *Rex* in New York Feb. 11. Also aboard the *Rex* was Cardinal Dougherty (*below*), who had come from his residence in Philadelphia by automobile. Most remote was the dean of the U. S. hierarchy, Cardinal O'Connell of Boston, wintering in the Bahamas. Twice before, on the deaths of Pius X in 1914 and Benedict XV in 1922, Cardinal O'Connell reached Rome too late to vote in papal election. This year fast ships may get him there in time.



WALLS OF BLAZING BUILDING FALL, ENGULFING EIGHT FIREMEN IN RUINS



In Syracuse, N. Y., on Feb. 9 fire mushroomed through a five-story brick building. In the restaurant at street level and in the unoccupied upper floors a dozen firemen fought the flames. Suddenly, without warning, the roof crumpled, avalanched down through the guts of the building. Two or three firemen staggered choking to the street. Eight others were engulfed in the fiery ruins. Then, while those outside watched helplessly, the walls toppled in, one by one, *avalanche* piling additional tons of debris on top of the victims. For three days and nights rescue workers dug in the smoking bricks. Not till Feb. 5 was the final body recovered.



"YES, MY DARLING DAUGHTER" IS BANNED BY CENSORS IN NEW YORK



On Feb. 10 for the first time since Hollywood adopted its production code nine years ago, a film released by the Hayes office was banned from exhibition in New York State. The picture was a screen version of the 1937 Broadway comedy hit, *Yes, My Darling Daughter*. The story concerns a young couple, played by Jeffrey Lynn and Priscilla Lane (*above*), who take an overnight trip to a country cottage. With utmost decorum Mr. Lynn retires on the porch outside Miss Lane's bedroom (*below*). But since boy and girl are unwed, the concept displeased New York's usually tolerant censors. The producers, Warner Brothers, promptly filed an appeal.



JURY ACQUITS SENATOR'S SISTER IN NEW MEXICO RELIEF TRIAL



In the Federal Courthouse at Albuquerque, N.M., in a courtroom decorated with Pueblo Indian symbols including swastikas (*below*), began on Jan. 30 the Government's first full-dress legal attack on politics-in-Relief. On trial went 23 defendants, including U. S. Senator Dennis Chavez's sister, Mrs. Anita Tafoya (*above*), and his son-in-law, onetime Assistant U.S. Attorney Stanley Miller, charged with coercing and milking WPA workers to further the political ends of Senator Chavez, a good New Deal Democrat. On Feb. 10 the jury acquitted Mrs. Tafoya and 13 others, reported itself deadlocked on the rest, including Son-in-law Stanley Miller.



NATION'S AGE FORESTERS MOBILIZED FOR BIGGEST LOGGING JOB IN HISTORY

Only in the heroics of Paul Bunyan and his mighty blue ox, Babe, have U.S. lumberjacks envisaged a project as vast as that which got fairly under way in New England last month and will continue to occupy the nation's ablest foresters until the thaws of spring. The hurricane of last September uprooted, blew down, snapped off 4,000,000,000 board feet of timber—over eight times the annual regional cut. Salvaged, it would load 1,680 miles of freight cars and build 260,000 five-room houses. The task before the U.S. Forest Service, the Civilian Conservation Corps, the W.P.A., and the farmers of New England is to crowd the bulk of eight years' normal lumbering into the five months between now and July.

Reason for the rush is twofold. If July finds the timber still grounded, bark beetles will utterly destroy its value. Moreover the devastated areas, now protected by ice and snow, will become jungles of brush and tinder sprawling over an avenue 300 miles long and 100 miles wide from Long Island Sound to Canada. A fire, once started, might roar through New England with greater ferocity and destructive power than the hurricane itself.

To meet these hazards the Department of Agriculture has brought to Boston forestry experts, scalers and graders from the Pacific Coast, Midwestern and Southern States. Their problem is to co-ordinate the efforts of 25,000 big and little land-owners, to grant loans, to locate storage ponds and get the timber into them. And felled timber is far more difficult to log than standing growth. If they succeed in salvaging the hurricane's harvest of trees, the Government will still have the problem of salvaging lumber prices—in the teeth of an eight-year surplus—from a sharp and abysmal decline.



Biggest blow-down belt in the whole hurricane sector is at Peterboro, N. H. In this airview you see a swath cut by

winds through high, standing evergreens. Ninety percent of felled timber is white pine; the rest, spruce, fir, hardwoods.



Leaning into their bows, a yoke of Devon oxen haul a sledge of salvaged lumber to a sawmill at Meredith, N. H.

Horses and tractors are scarce. Burns were ransacked for forgotten equipment. At left: woods near Peterboro, N. H.



On ice at Robinson Pond, N. H., 2,000,000 board feet of lumber await thaws. In water these logs will keep for five

years. On land they would be eaten by wood borers in 60 days. Government has leased 120 storage ponds like this



MANY A TREE WAS SNAPPED OFF HALFWAY UP BOLE



AGED TREES SUFFERED WORST DAMAGE IN STORM



Portable sawmill at Peterboro copes with timber felled on property of ex-Governor R. P. Bass of New Hampshire



"Sticked" lumber, that is, stacked with a stick between each row of boards, will keep safely for five to seven years.



GOLDEN AGE OF CHINESE DRAMA REVIVED TO AID WAR-STRICKEN CHINA OF TODAY

In New York City on Feb. 1 a group of young Chinese players staged a program of native entertainment sponsored by the American Bureau for Medical Aid to China. For their material the players dipped into the golden age of the Chinese theater, withdrew concepts, dances and legends that century after century of players had presented and passed on in fastidiously stylized and virtually unchanging form. Manhattan critics were united in praising *An Evening in Cathay* for its delicate charm, exquisite costumes and the grace and beauty of the feminine members of the cast. They were united too in sympathizing with the nation and cause which they represented. After five nights in New York, the Chinese Cultural Theatre Group moved on to a two-months' tour of the U. S.



Combat from ancient drama, *Flying Tiger Mountain*, is danced by Chow Tse-ping and Kwan Hung-ping. In Chinese drama, age is denoted by beards. Mr. Chow plays a king's eldest son.



"The Drunken Queen," is danced with delicate humor by Virginia Chung who is famed as most beautiful girl in Shanghai. Her father, a Yale graduate, was former Chinese Minister to Chile.

PERSONAL INDIGNITIES FOR CASH WOW PATRONS OF BRONX THEATER

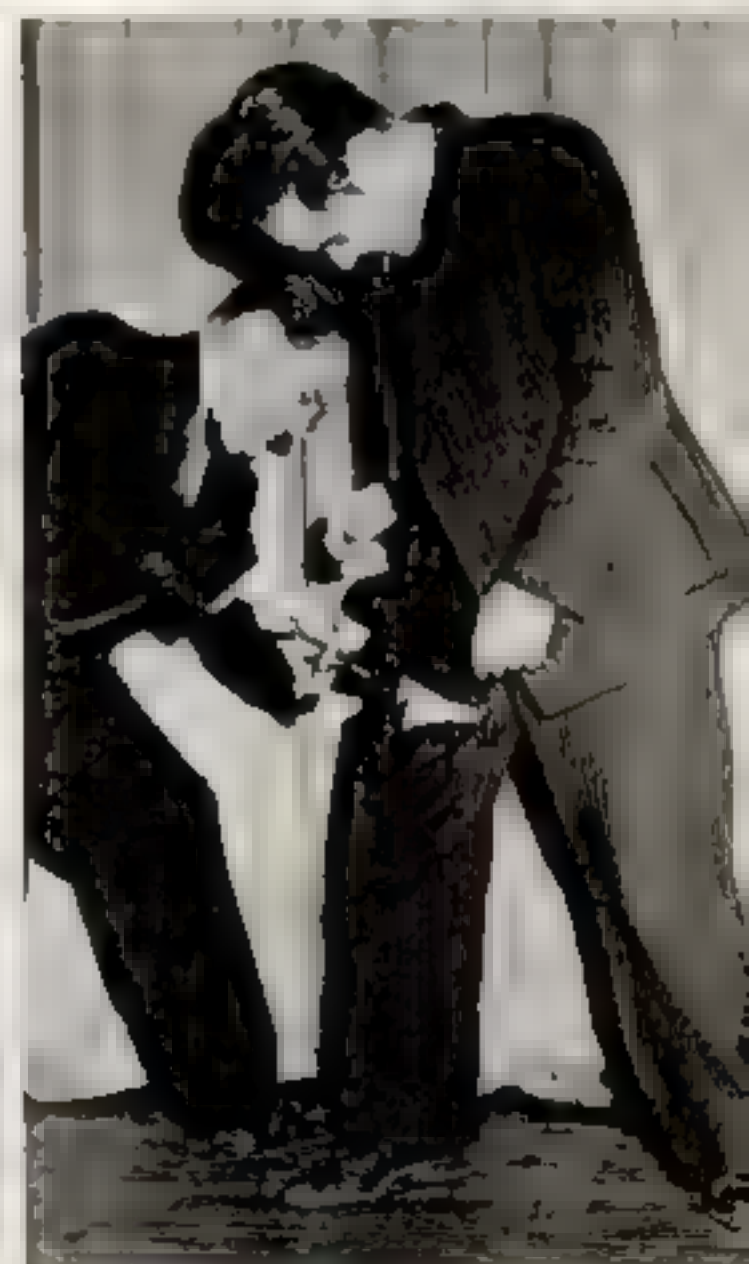
Last week the imaginative manager of a Bronx movie theater was filling his house by means of a trick stage show that, for coarse originality, set a new high. The essence of his act, which threatens to spread at a deplorable rate, is to heap all manner of personal indignities and embarrassments upon volunteers from the audience. Each indignity commands its cash price and The Bronx is full of exhibitionists.

The theater is the Freeman; its manager Ed Siegal and his nightly act "A Fun and Laff Festival." Calling patrons to the stage, he has their hair cut off and pays them \$2. The loss of a trouser leg is worth the same price. All women with runs in their stockings are invited up on the stage to compete, by means of public measurement, for a \$1 prize for the longest run. Meanwhile, Manager Siegal's patrons in the audience writhe with loud laughter at this crude ridicule of human beings.

At right are performance photographs of what may yet become as much of a nuisance to intelligent movie goers as *Screeno* and *Bingo*.



Sartorial mayhem begins when manager cuts off necktie of volunteer who gets \$1 for this indignity.



Amputating a trouser leg is a more serious operation. For his loss the victim gets \$2.



A street singer is enacted by Miss Ethel Chun, Catholic-educated, the granddaughter of millionaire Sir Shousen Chow



Cloud movements are depicted in a traditional scarf dance, performed by Mrs. Ernest S. H. Tong, wife of the counselor

of the Kwangtung Provincial Government and member of the Shanghai Red Cross. The scarf she uses is 14 yd. long



Locking runs are measured by Manager Ed Siegal on the stage. The lucky girl who exhibits longest run gets a cash prize of \$1.



Stage haircut gets the biggest laughs and top money. For parting with his curls, this man receives \$2.



Excision of a heel is performed by willing victim with hammer and chisel. Her reward for spoiling a pair of shoes: \$1



Biggest fish in the world is the rare whale shark, too huge for fisherman's rod and reel. Largest one on record weighed

29,500 lb. This 42-footer was harpooned off Lower California by members of a William Beebe expedition aboard

Templeton Crocker's schooner *Zaca*. After an hour's fight, it wrenched the harpoon from its back and swam away.

BIG-GAME FISHING BOOMS AS ANGLERS AND ICHTHYOLOGISTS POOL THEIR KNOWLEDGE

Big-game fishing is a strenuous and anguished sport. Ernest Hemingway, an expert deep-sea angler, once said that in order to be a big-game fisherman, a man must know how to suffer. Trussed into a harness, he must sit on the sea in a small boat, while the sun beats down on his head from above and is reflected up into his eyes from the water. When a fish strikes and his line goes screaming out from the reel, he must use patience and all the strength of his aching arms to exhaust and outmaneuver the fish before the fish exhausts and outmaneuvers him. The struggle often goes on for hours. Then the sport becomes a bitter personal contest between an angler and a willful, stubborn fish. Once his fish is landed, the angler's first feeling is that a desperate victory has been won. The full flush of pride and joy comes

later when he stands on the dock and is photographed with his huge catch.

Two million Americans today share the joys and sufferings of big-game fishing. Twenty years ago, there were only a few boatfuls. The amazing boom in the sport has added considerably to the body of scientific knowledge on game fish. Anglers in increasing numbers are bringing their catches to ichthyologists for identification. Usually they are specimens long known to scientists. Sometimes, however, they are new varieties. Often they are caught in places where they are not expected to be.

Whatever they are, the ichthyologist now finds in the angler a new and important source of material and information about the characteristics and habits of fish. This was not easy for them to get up to

a few years ago because ocean-going expeditions were costly. Sportsmen now find that the ichthyologist is helpful not only in identifying his catches but in telling him where and when his favorite fish can be found. The photographs of Pacific fish on pages 30 & 31 were taken aboard a sportsman's yacht. W. Goadby Lawrence's paintings on the opposite page (now on exhibition at Manhattan's Sporting Gallery and Bookshop) are pure sporting pictures but their detail is evidence of the accuracy anglers demand.

Many experts define a game fish as one taken on a moving hook, i.e., by "trolling." Right now, anglers are trolling in greatest numbers off the Bahamas, Florida and Cuba; off Southern California and Mexico. Soon they will move north with the fish. By late summer they will be all the way up to Nova Scotia.

World's biggest tuna was caught off Jordan Bay, Nova Scotia, by F. A. Kenney of Nova Scotia. It weighed 864 lb.

Day's catch: six marlin were landed off Guaymas, Mexico, by A. P. Blumenthal (left) and Mrs. & Mr. Kip Farrington.

Biggest shark ever landed on rod and reel is this 1,086-lb. tiger caught by Zane Grey in 1938 off Sydney, Australia.

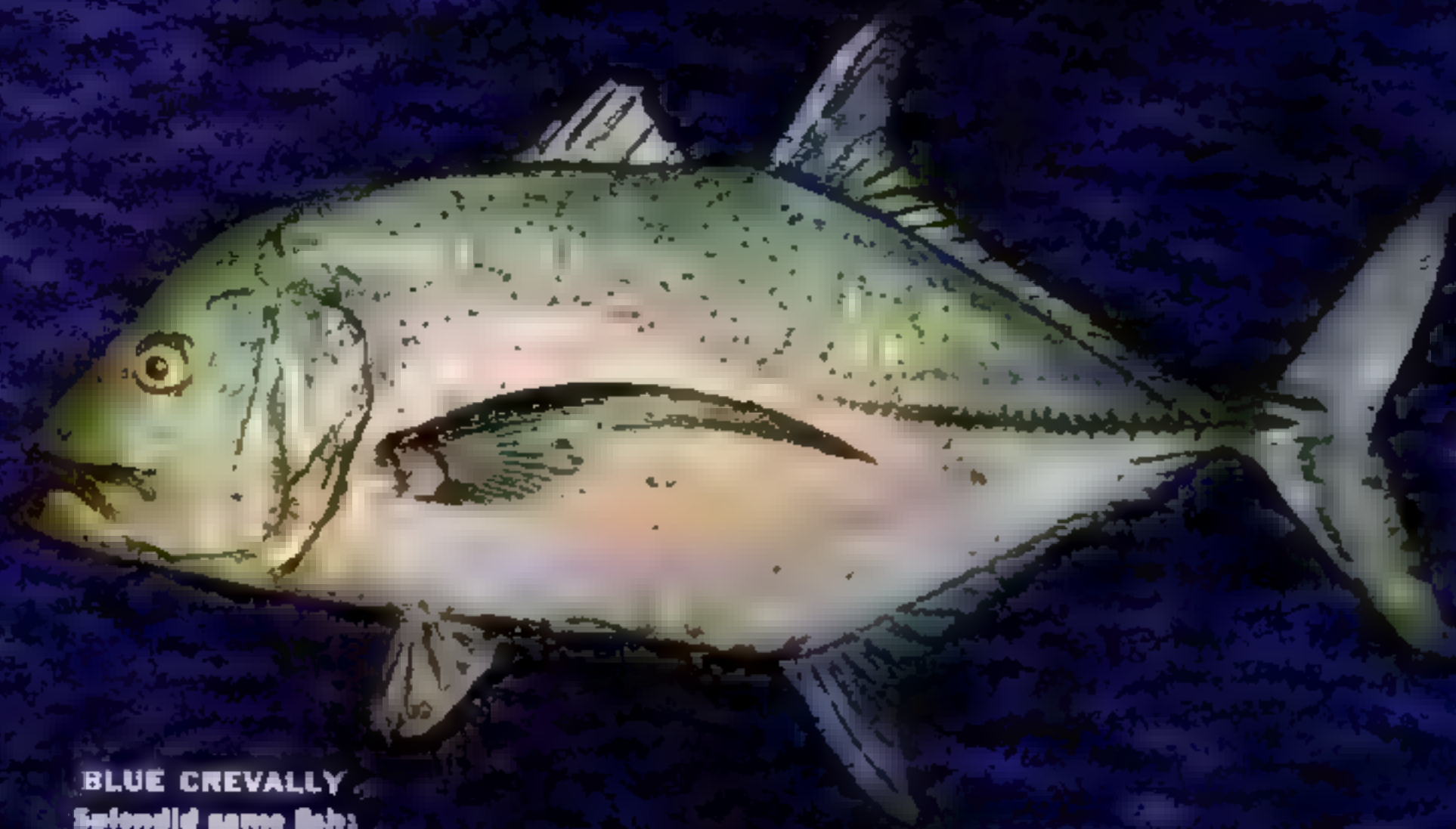




The White Marlin is one of the prettiest and sportiest Atlantic game fish, frequently jumping like the one shown or, when hooked, "tad walking." Its average weight 50 to 80 lb.

The Sailfish (below), one of the flashiest Atlantic fighting fish, gets its name from its large dorsal fin. It averages 50 to 70 lb. These two fish were painted by W. Conroy Lawrence.





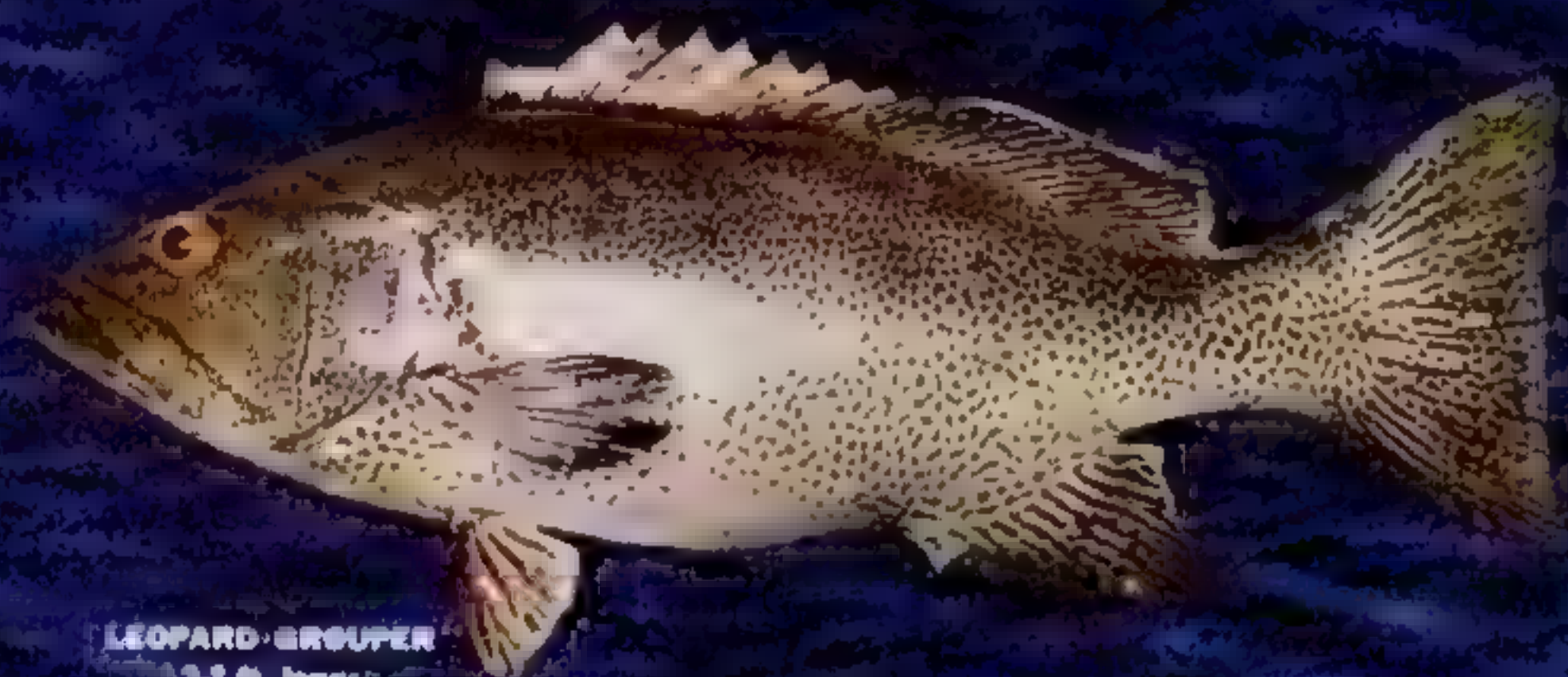
BLUE CREVALLE
Splendid game fish;
up to 3 ft. long



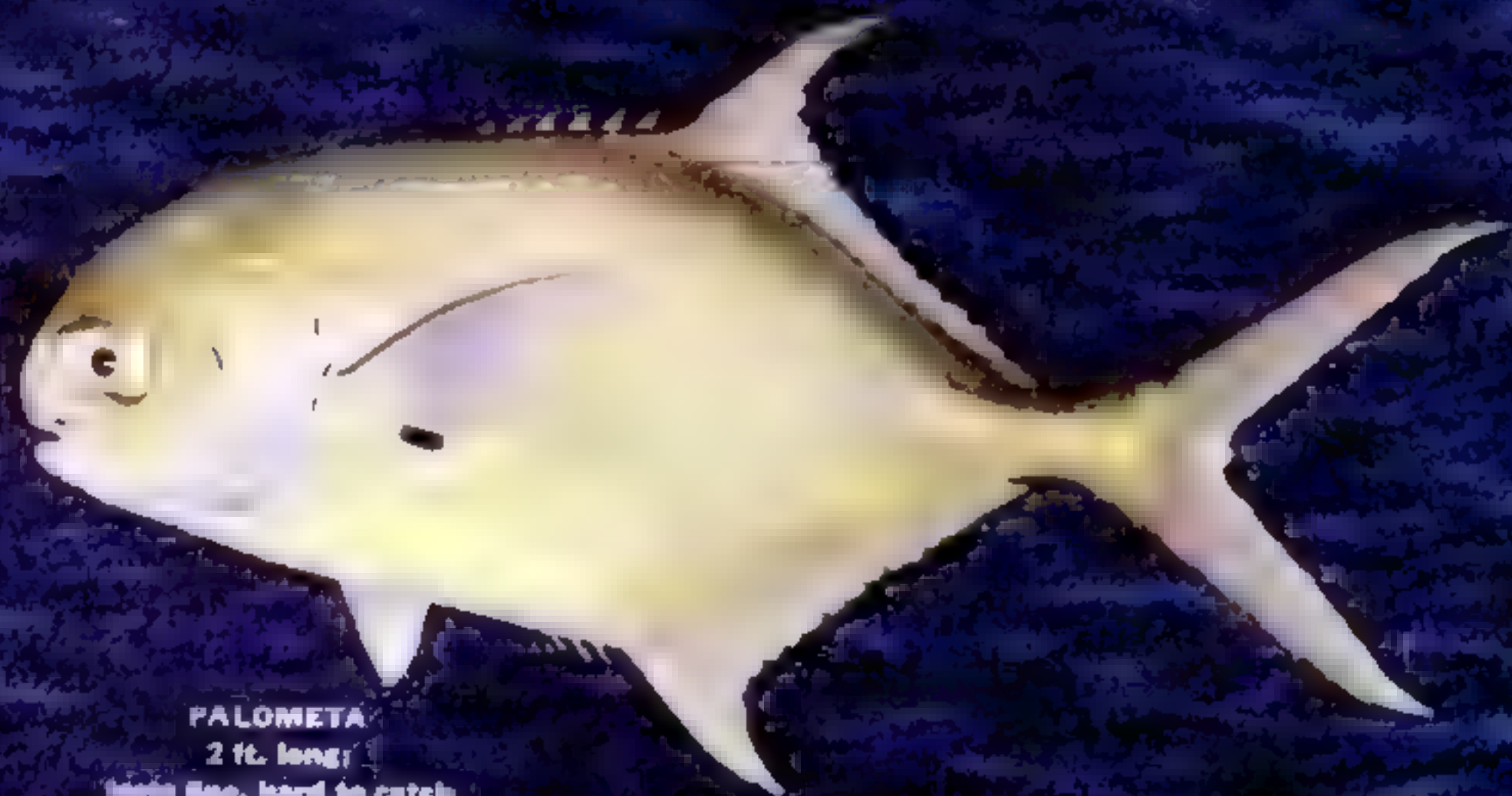
STRIPED PARGO
2-ft. snapper;
unique to American Pacific



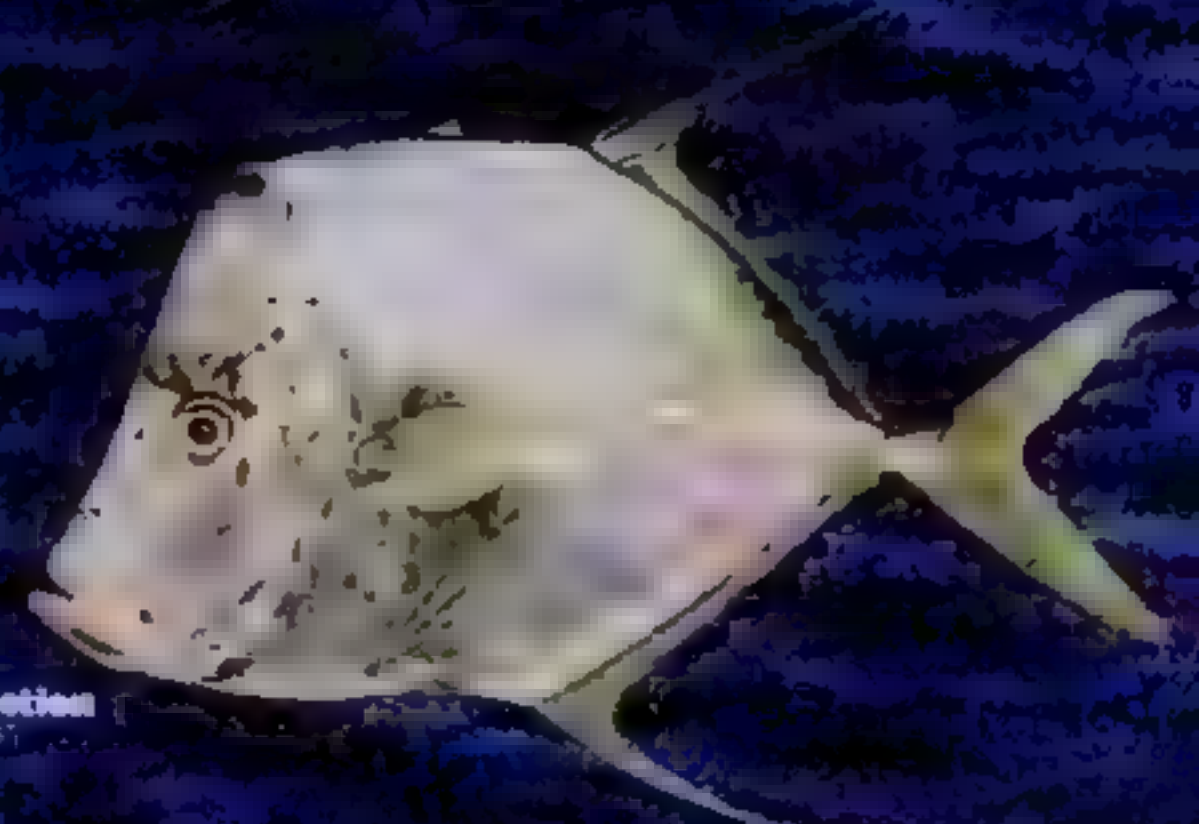
BROADBILL SWORDFISH
Average 300-500 lb.
in the Pacific



LEOPARD GROUPE
3-5 ft. long;
are too easy to catch



PALOMETE
2 ft. long;
have fine, hard to catch



LOOKDOWN
12 in. long;
finny shape is protection

GAME FISH OF THE PACIFIC

The fish shown on these pages include some of the most prized and beautiful of Pacific game fish. Some are taken from paintings done by Frank Mahé, but most are Ralph Emerson's direct color photographs of fish caught aboard Max Fleischer's yacht *Haida* and photographed before their delicate colors had faded with death. They all appear in Dr. Lionel Walcott's definitive study, *Marine Game Fishes of the Pacific Coast from Alaska to the Equator* (University of California Press).

Of these fish, the one which swims most often through a sportsman's rosy dreams is the big Yellowfin Tuna. The yellowfin is a huge member of the mackerel tribe which is also found in the Atlantic. It is a fairly abundant tuna, and the one commercial fishermen mostly go after. Sportsmen, however, divide their allegiance between the yellowfin and its cousin, the bluefin. Both are courageous fighters, but the yellowfin tastes better. Off Mexico and Central America, they can be caught all the year round, most easily in spring and fall. The best tuna-fishing time off California, however, is from August through October.

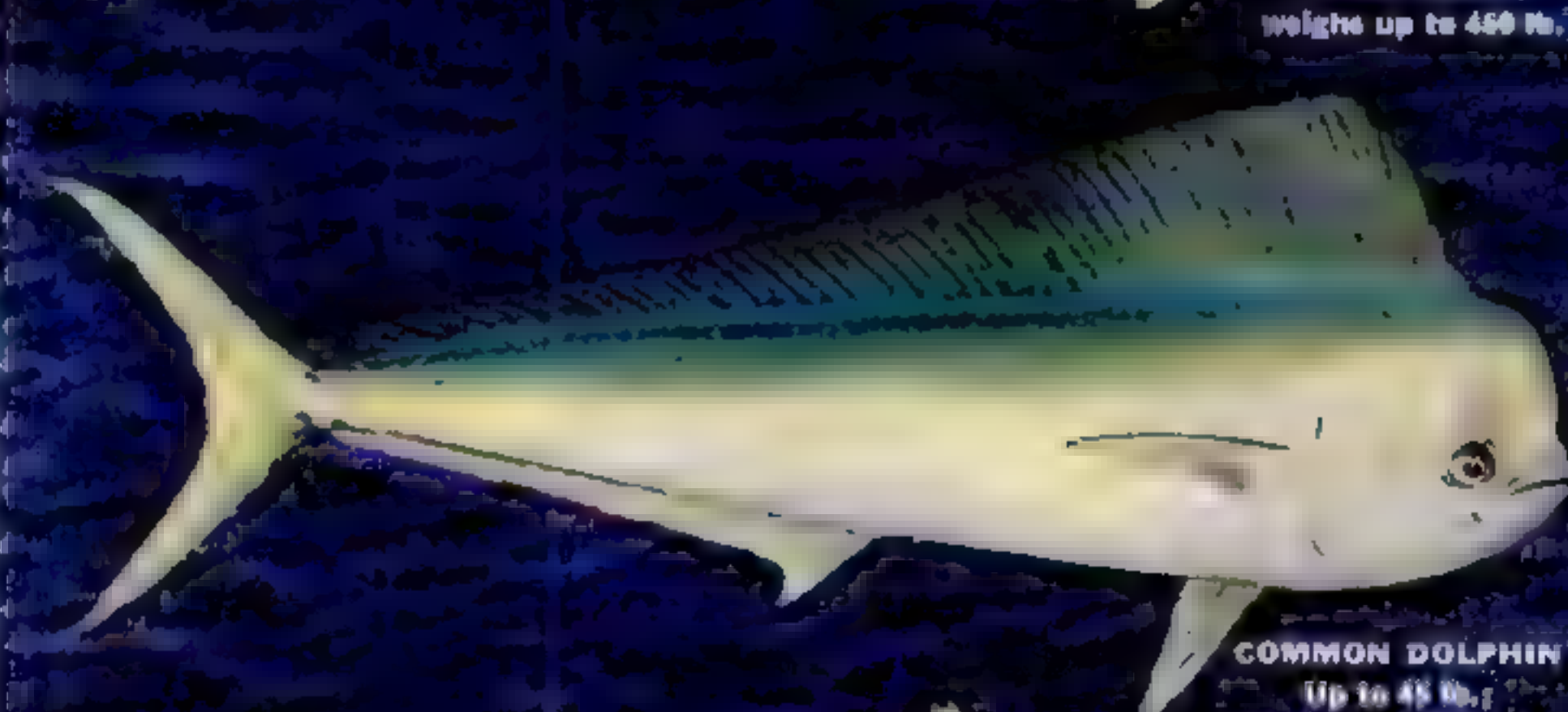
The Broadbill Swordfish, which roams the oceans of both hemispheres, is so ferocious that only the larger sharks and whales can meet him squarely in battle. From May to late October, broadbills are present in good number off California. They swim around looking hungrily for schools of anchovies, sardines, flying fish or anchovies to feed on. When they find one they charge into it, flailing right and left with their swords, returning later to pick up their wounded victims. The broadbill's sword, an elongated the upper jawbone, is sometimes 4 ft. long. When hurled, the broadbill sometimes comes in and changes the fishing boat, and drives its sword clean through the plank—often enough through a fisherman's leg as well. The parrot (see page 1) is often mistakenly called a sword fish because, as well as the swordfish, has a short spike protruding from its upper jaw. Both fish are relatives of the broad-



PARROT ROCK BASS
15 in. long;
stays close to shore



YELLOWFIN TUNA
A hard fighter;
weighs up to 450 lb.



COMMON DOLPHIN
Up to 45 lb.;
great small game fish



MEXICAN BARRACUDA
Average 8 ft.;
fierce and voracious



CALIFORNIA SHEEPSHEAD
Weighs 25 lb.;
very voracious



ROSE CONEY
2 ft. long;
a rare kind of sea bass



THREAD POMPAÑO
2 ft. long;
related to the trevally

hill. A tough battler, a hooked broadbill has been known to fight through a whole day and a whole night before the fisherman could land him. Once the broadbill abounded off Catalina Island. But since it has become popular as a sea food, commercial fishermen have diminished its numbers.

The Common Dolphin (*right*) is not the classical dolphin or porpoise—the fabled fish which carried the lyre-playing Poet Arion on its back. That dolphin is a warm-blooded mammal, like the whale. The common dolphin is a true fish which looks nothing like a porpoise. Like the porpoise it has the habit of swimming along the surface and leaping out of the water into the air. But while the porpoise leaps in play, the common dolphin leaps in pursuit of prey. A fine fighter, it gives any sportsman a run for his money but it is not very good to eat.

The Blue Crevalle (*opposite page*), Thread Pompano (*below*) and Lookdown (*opposite page*) are all members of the jack family. The curious lookdown is a weak and slow-swimming creature, whose shape provides effective camouflage. The lookdown looks as if it were going obliquely to your left. Actually, it is going directly left. This talent for camouflaging its position fools other fish and protects the lookdown.

The Leopard Grouper (*opposite page*), Parrot Rock Bass (*above*) and Rose Coney (*right*) are all in the bass family. The rose coney is lovely but rare. Groupers are very plentiful from the Gulf of California down, sometimes crowding waters so much that a fisherman cannot catch anything but groupers. The leopard grouper, for instance, is a great nuisance. Like the bullhead of inland waters, it is too willing to be caught and no great fun in the catching. The parrot rock bass is usually caught only between Lower California and Panama.

The Mexican Barracuda (*right*) is smaller and by no means as fierce as its Atlantic cousins which are believed to be man-eaters. The Mexican barracuda never attacks man but it is exceedingly voracious. A dozen or so of them gang up on a school of fish, frighten them into gathering in a compact mass, then dash into the clumping victims to grab a few mouthfuls. California barracuda and Mexican barracuda are Southern California's most popular smaller game fish.

The Sheepshead (*right*) is a small game fish, related to the eastern blackfish. Its scientific name, *Prionotus carolinianus*, means "beautiful fat fishhead."



Suggestions for an

*April
Wedding*



From 1847 Rogers Bros.' incomparable craftsmen comes this choice of patterns, each as fine as museum silver. The newest, "First Love," has a deeper etching, a higher ornamentation than was ever possible before, except in solid silver. You must see it. Another like-sterling beauty is "Lovelace," which uses orange blossoms for its unique design. A third, "Marquise," is rich, ornate.

But see all the 1847 Rogers Bros. creations at your dealer's tomorrow—then choose. A 32-piece set can be purchased for but \$32.50 and on easy terms. International Silver Co., Meriden, Conn.

From Leonora Ormsby of Saks-Fifth Avenue comes this bright and shining idea for the bride's frock

A design as old as romance—executed in a fabric as new as tomorrow! Bernberg's* crystal tissue with stripes of gleaming cellophane! As Miss Ormsby holds out the fifteen-yards-around skirt, for the bride to admire, who can help thinking of those fluffy, bouffant skirts worn by Degas dancers?

But then, every detail of your wedding can be new, different, smart! Ask your 1847 Rogers Bros. dealer about the new trends in wedding invitations, announcements. And be sure to tell him your choice of all the lovely 1847 Rogers Bros. patterns, so he can pass the hint to your friends. Then all your flatware will match. All will bear the precious year-mark 1847—which means, to every informed eye, "Here is silverplate from the proudest house in America. Here is design of undying beauty, executed in lifetime plate."

To find such silverplate at a reduction is your especial luck this spring. (See details at right.) *Reg. U. S. Pat. Off.

TUNE IN EVERY SUNDAY—Leading dramatic stars in **"THE SILVER THEATER."** 6 P.M., E.S.T., 5 P.M., C.S.T., 4 P.M., M.S.T., 3 P.M., P.S.T., coast-to-coast Columbia network.



From your silver dealer comes this urgent suggestion: See The Bride's Silver Theater Set of 1847 Rogers Bros. silverplate now being offered, lovely chest and all, for \$14.50 less than the out-of-open-stock price of its 32 pieces. Yes, a sumptuous service for eight for only \$39.75—every piece bearing the year-mark 1847!

1847 ROGERS BROS. MERIDEN, CONN. "AMERICA'S FINEST SILVERPLATE"

THE MEDITERRANEAN: ITALY THREATENS BRITAIN FROM GIBRALTAR TO SUEZ



Gibraltar, Britain's western entrance to the Mediterranean, is a 2½-mi. limestone rock honeycombed with tunnels,

galleries and underground guns. Smooth slope is a 33-acre corrugated iron and cement catchment for rain water.

What drives Italians crazy is that both ends of the sea they call "Our Sea" are now held by the powerful and jealous British Empire. Here they are—Gibraltar at the west—the Suez Canal at the east. The Italians have moved against Gibraltar by helping the Spanish Rebels to win the civil war. The victory puts German and Italian guns west, north and south of Gibraltar within easy range and German submarine bases a little farther off. If Italy attacks France and Britain joins in—as Prime Minister Chamberlain last week promised to do—these guns will begin to pound Gibraltar. The garrison will retire inside the rock, a hive of tunnels and guns. The British Navy can, of course, set up its Mediterranean blockade a few miles out in the Atlantic, based on Portugal's Lisbon or Morocco's Casablanca. Britain is now trying to get Italy out of Spain. But Benito Mussolini has announced his troops will stay with Franco to enforce a "political victory," i.e., Italian concessions in Spain.

The Suez Canal is less vulnerable. The nearest Italian bases are 400 miles away on Rhodes and at Libya's Tobruk. British and Egyptian troops and planes defend the Canal which is only 180 miles from Britain's big military establishment in Palestine. In addition, the British fleet has a big base at Alexandria. Italy can probably do little against the Canal but will instead try to close the lower end of the Red Sea (see following pages and map on pp. 36 & 37).



Suez Canal, Britain's eastern entrance to the Mediterranean, starts here at Port Said. The Mediterranean is at upper right. In foreground is the new engineers' garden city of

Port Said; in background is Port Said, all built since 1859 on land reclaimed from a lake. Railroad at upper left parallels Canal to Suez; canal dredges in slips in center of picture.

CONTINUED ON NEXT PAGE

7 SECOND MYSTERY STORY



"HOW IN THE WORLD DOES THE BOSS
REST WHILE WORKING SO HARD?"



HERE'S HOW he does it. He keeps a package of
this famous Beech-Nut peppermint gum on his desk.
What a pleasant way to relieve the tension!



One of America's
GOOD habits



Visit the Beech-Nut Building at the New York
World's Fair. If you drive, stop at Conajoharie,
N.Y. and see how Beech-Nut products are made.



MALTA IS BRITAIN'S STRONG POINT IN THE MIDDLE MEDITERRANEAN

THREE GREAT POWERS MANEUVER FOR THE CONTROL OF THE MEDITERRANEAN



BRITISH GUN ON MINORCA

Anyone who wants to know about the grand strategy of the world's empires cannot do better than study closely the Mediterranean Sea. On pages 36 & 37 is a picture map of the Mediterranean. Prehistorically the Mediterranean was closed at both ends and covered all southern Europe and Asia Minor. For most of recorded time it has been open at only one end—Gibraltar, known to the ancients as the Pillars of Hercules.

The galleys of Greece sailed to the destruction of Troy. The Semitic Phoenicians brought back all the goods of the ancient world to Tyre on the Syrian coast. The armadas and armies of Alexander the Great swept the Persians off the water. The born sailors of Carthage on the North African coast fought and lost to the landlubbers of Rome. As the West grew civilized, it entered on a long, fluctuating war with the Saracens of the East. The merchant fleets of Genoa and Venice carried the Crusaders to Palestine. The Moors crossed by Gibraltar into Spain. The Portuguese invaded Africa and perished there. The Turks swarmed up the Balkans to Vienna. They might have conquered all Europe, had they won the little remembered Mediterranean battle of Lepanto.

By the 17th Century a nation far to the north had begun to rule the seas. The English men-of-war did not neglect the Mediterranean. But the Mediterranean did not become vital to them until the French dug the Suez Canal in 1869, opening up both ends of the great sea and offering a short cut to British India. Britain soon had both ends (see preceding page) and the middle sewed up. At the bottleneck between Italian Sicily and French Tunisia it built up the little fortified island of Malta. The picture at top shows Malta's Grand Harbor entrance filled with British warships, the capital of Valletta in the background defended by Fort St. Elmo.

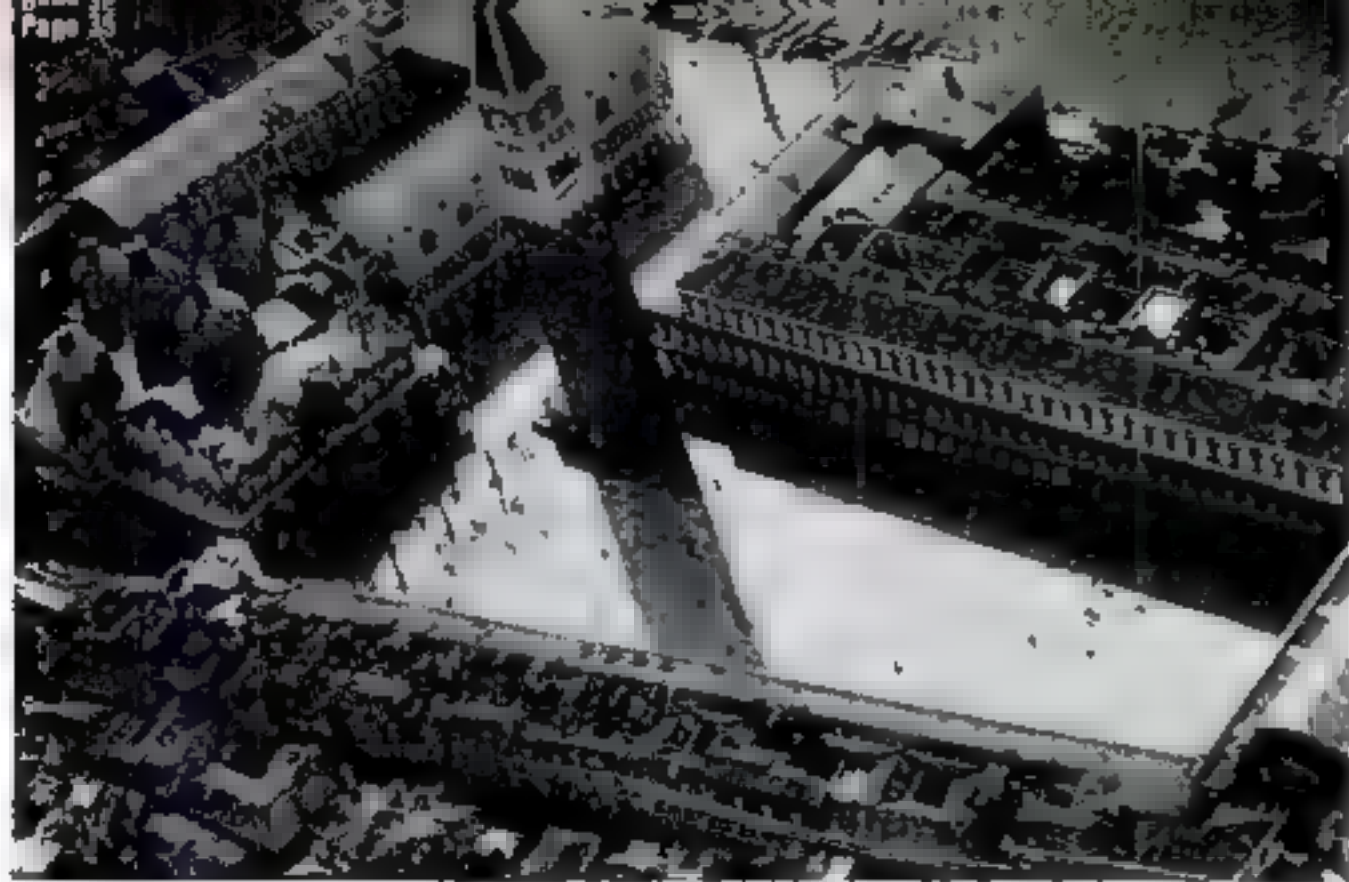
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FRENCH BATTLESHIP LAUNCHED

TRAINLOAD OF PIPE GOES TO THE IRAQ OIL LINE IN PALESTINE





BEAUTIFUL AND ANCIENT IS ST. MARK'S SQUARE IN VENICE

Another key point was the easternmost of Spain's Balearic Islands—Minorca. Here, though Britain gave the island back to Spain in 1803, it set up mighty defenses, still manned by men who speak English better than Mallorquin. If Spanish Rebel Franco and his Italians try to take this rocky, one-harbor island, there may well be trouble. Until lately, it seemed that the allies, Britain and France, were impregnable in the Mediterranean.

Fascist Italy has changed this. Its challenge for domination of the Mediterranean—*Mare Nostrum* to all patriotic Italians—makes the situation appallingly complicated (*see map*). Its Libyan colony in North Africa can be used as a base to strike westward toward France's rich Tunisia or eastward toward the Suez Canal. It has fortified the little island of Pantellaria, which checkmates Malta's grip on the bottleneck between Sicily and Tunisia. It has helped the Spanish Rebels to plant German guns commanding Britain's Gibraltar. It has a plane and naval base on Majorca. It now demands several seats on the French-owned and British-defended Suez Canal. And it demands a stranglehold on a further exit from the Mediterranean, the Jibuti-Aden outlet of the Red Sea. It will be noticed that these moves and demands are not for expansion but directly for strategic control.

The Mediterranean was for long a "Roman sea." Even in 1000 A.D., the ships of Venice were Europe's chief contact with the East. One brought back from Egypt the body of St. Mark which was enshrined in Venice's great domed St. Mark's Cathedral, shown at top. Its Byzantine domes and slightly pointed arches reveal the first marriage of Eastern and Western civilizations in the 11th Century. Italy has, in fact, ancient claims on the Mediterranean. At the time of Christ, a great Roman city in North Africa was Leptis Magna, through whose ruins Mussolini walks (*left*).

Mussolini's ultimate rival is Britain. But his immediate rival is France. From France he now demands Tunisia, Corsica, Jibuti and French Somaliland. France, however, has been an African colonizer for 100 years, has developed such superb African troops as the Arah méharistes (*above*) as well as the goumier levies of the tribes. Last month it rushed to Jibuti 1,000 of its terrible Senegalese soldiers, shown arriving below.



FRENCH COLONIAL SOLDIER



MUSSOLINI IN THE RUINS

SENEGANESE OF THE FRENCH OVERSEAS ARMY ARRIVE TO DEFEND JIBUTI



CONTINUED ON NEXT PAGE

*You Can Taste and Feel
The Difference*

—when this double
action dentifrice
brings quick re-
freshment to mouth,
gums and teeth



Fight Acid
when you brush your teeth!

IT IS A TRADITION of the House of Squibb that every product bearing its name must be of the greatest possible benefit to the user.

This fact is important to you in the selection of many products, including a dentifrice.

Tooth decay is commonly caused by acids. These acids may be formed by the fermentation of food particles that lodge in tiny crevices in and between the teeth, often beyond the reach of a tooth brush.

That is why you should fight acid when you brush your teeth.

And why Squibb Dental Cream and Squibb Tooth Powder both contain an approved antacid, which neutralizes the acids caused by fermenting food particles wherever it comes in contact with them.

Buy Squibb Dental Cream or Tooth Powder today. Both excel in cleansing and polishing. Brush your teeth at least twice a day.

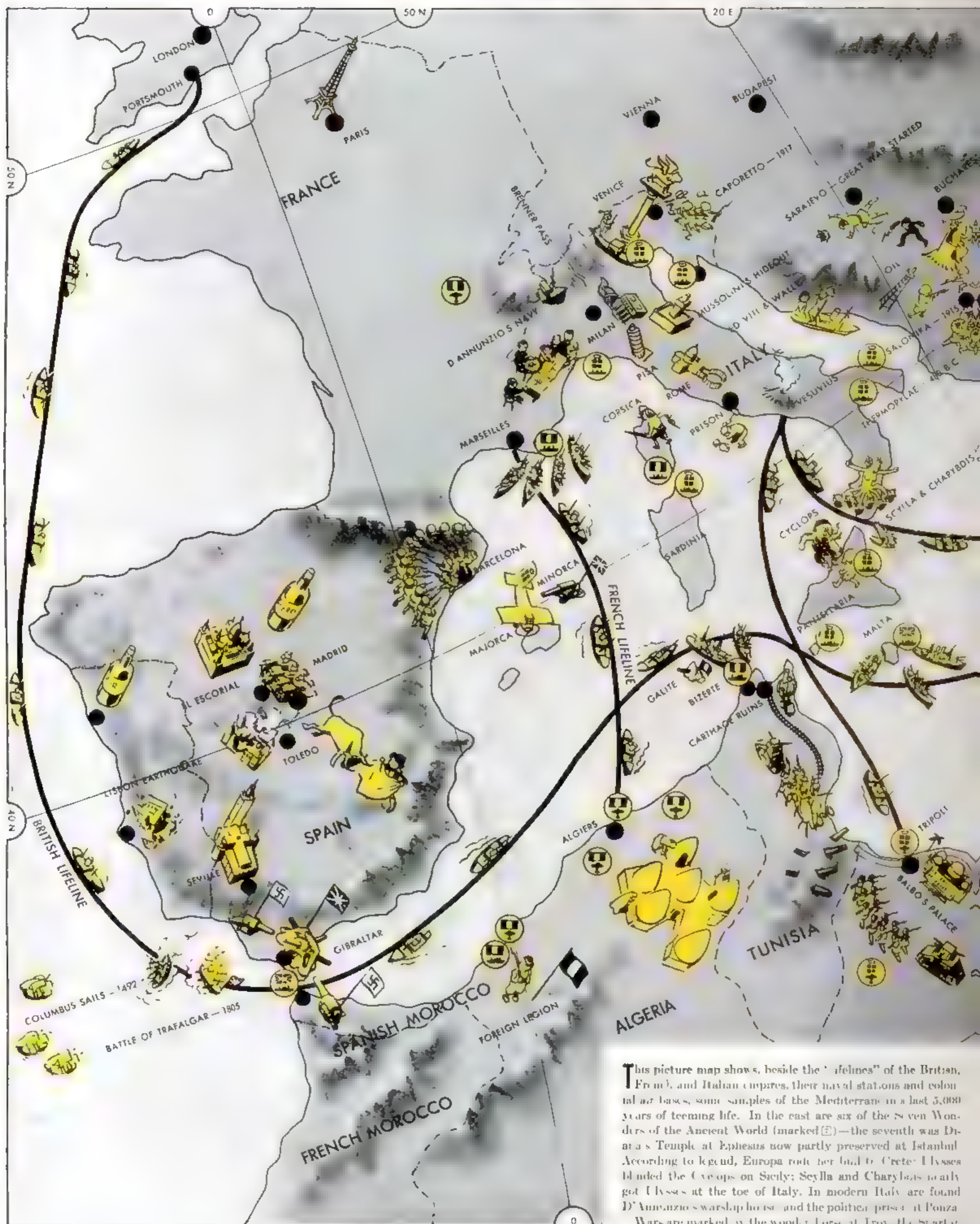
You will be delighted with the quick feeling of refreshment to mouth, teeth and gums.



COPYRIGHT 1939, E. R. SQUIBB & SONS

SQUIBB Dental Cream

The Priceless Ingredient of Every Product is the Honor and Integrity of Its Maker



This picture map shows, beside the "lifelines" of the British, French, and Italian empires, their naval stations and colonial bases, some samples of the Mediterranean in a last 5,000 years of teeming life. In the east are six of the seven Wonders of the Ancient World (marked [E])—the seventh was Diana's Temple at Ephesus now partly preserved at Istanbul. According to legend, Europa rode her bull to Crete; Ulysses blinded the Cyclops on Sicily; Scylla and Charybdis nearly got Ulysses at the toe of Italy. In modern Italy are found D'Annunzio's warship house, and the political prison at Ponza. Wars are marked by the wooden horse at Troy, the Spartan

Spelling for another war: an English and Italian armies in North Africa. The capital of Roman Catholics is St. Peter's at Rome. The capital of Islam's Moslems toward which Moslems bow in prayer from the four corners of the earth. The Christian world now rules Christianity's holiest places in Palestine: the Manger in Bethlehem, the Cross in Jerusalem.

THE ANSWER TO TRUE
SMOKING PLEASURE!

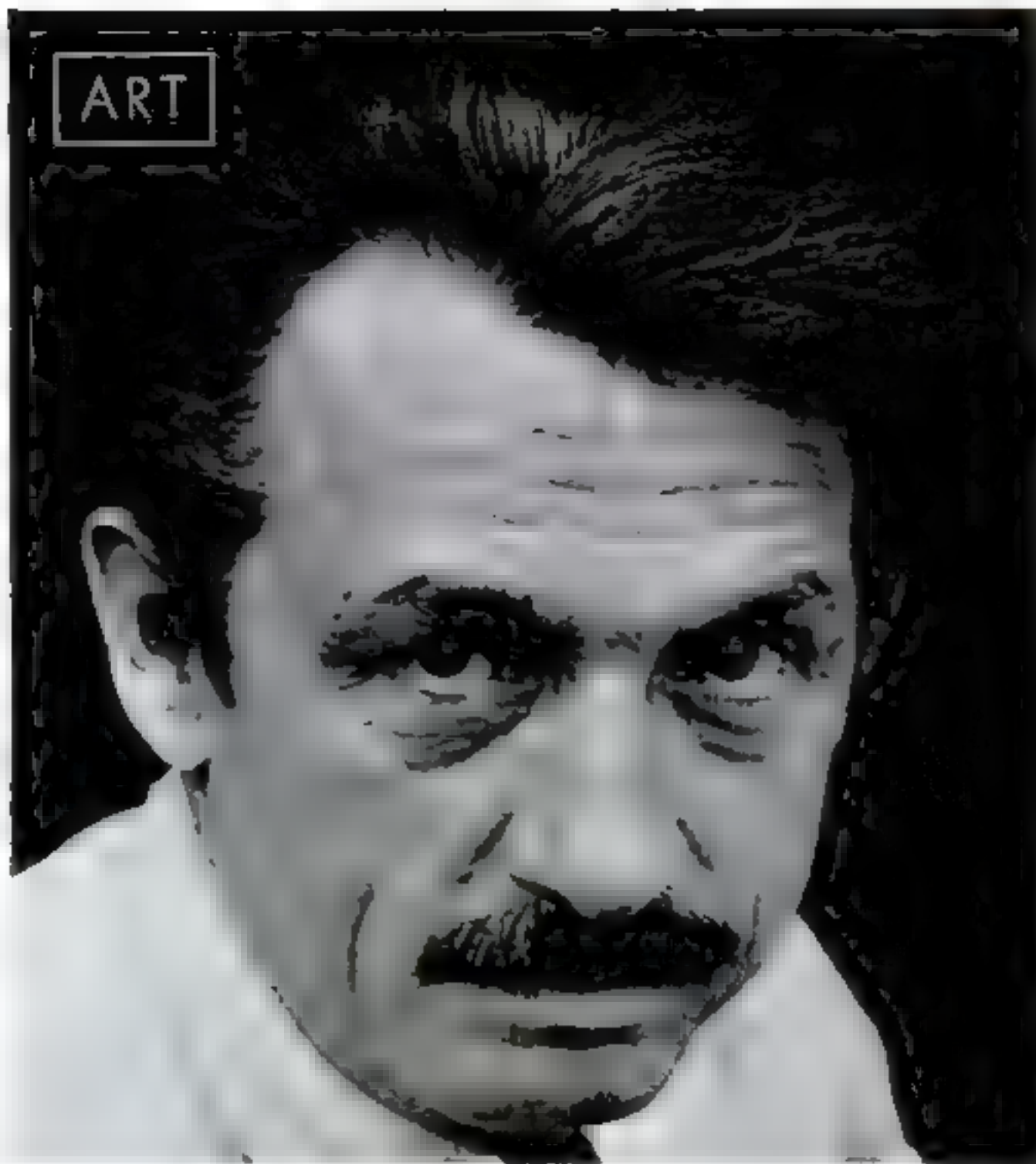
"CALL FOR
PHILIP
MORRIS"

PHILIP MORRIS—a
cigarette recognized
by eminent medical
authorities for its
advantages to the
nose and throat.



AMERICA'S FINEST CIGARETTE

ART



PAINTER THOMAS HART BENTON IS IN, WITH AND WITHOUT

BENTON'S NUDES PEOPLE THE OZARKS

For the last year or so Thomas Hart Benton, great Missouri artist, has been exploring the Apocrypha and Greek mythology for subjects to paint. When he finds a likely one, he transfers it from its antique background to his own native Ozarks, modernizes settings and produces a work of art that by last week had the Midwest buzzing with scandalized excitement. The St. Louis art museum threatened to bar Benton's *Susanna and the Elders* because Susanna was too nude. Meanwhile at the Kansas City Art Institute, where he teaches, Benton was at work on the *Rape of Persephone*, Missouri style. For this legend of a Greek goddess abducted to the underworld by Pluto, the artist uses as Pluto an Ozark hillbilly, peeping around a tree at his nude victim. Benton predicted that "even a doctor would like" his Missouri Persephone (see opposite page).



BENTON STUDENT DOES A BENTONESQUE "OLD BLACK JOE" IN KANSAS CITY



BENTON'S "RAPE OF PERSEPHONE," MISSOURI STYLE. STUDENTS AT RIGHT



BENTON MAKES CLAY MODEL OF SUBJECT AS THREE-DIMENSIONAL GUIDE

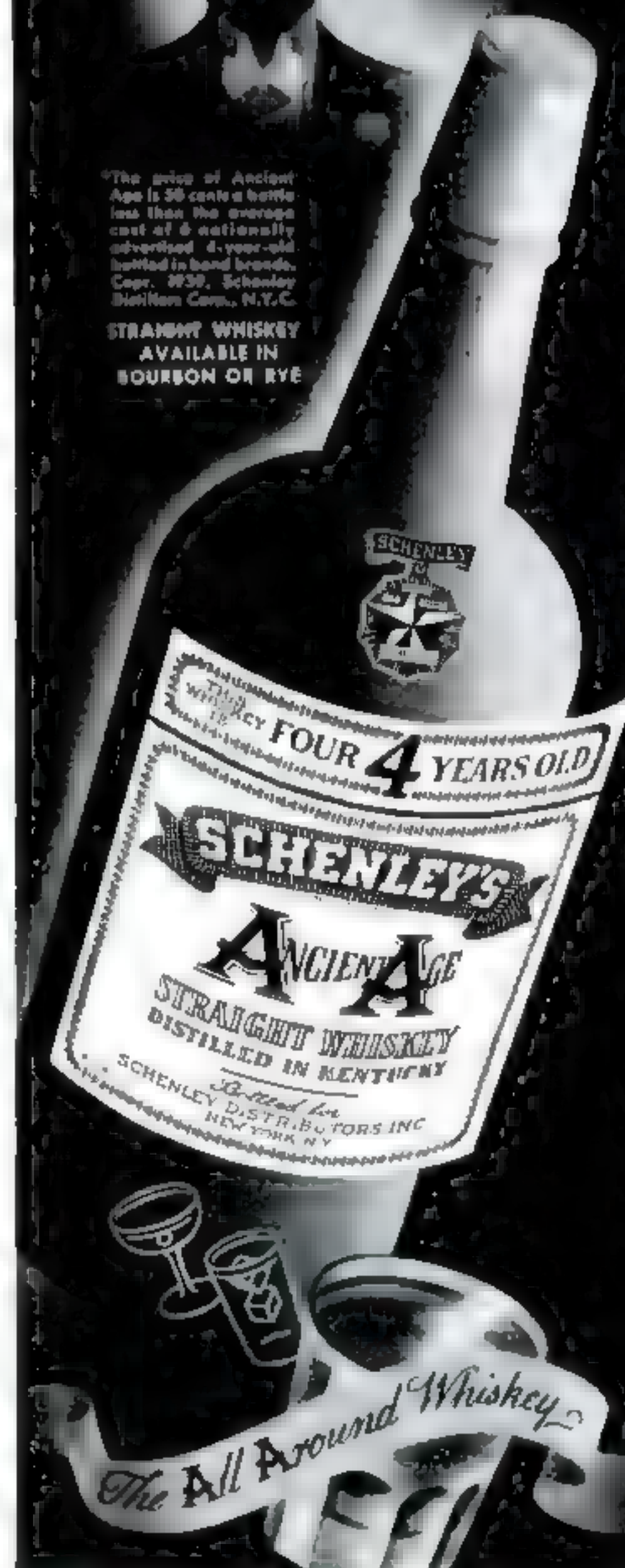
CONTINUED ON NEXT PAGE

Let's face facts!

This All-Around whiskey is identical in age with 4-year-old bottled in bond brands, comes at the milder and pleasing 90 proof, costs an average of 50 cents a fifth less.*

*The price of Ancient Age is 50 cents a bottle less than the average cost of 6 nationally advertised 4-year-old bottled in bond brands. Copr. 1939, Schenley Distillers Corp., N.Y.C.

STRAIGHT WHISKEY
AVAILABLE IN
BOURBON OR RYE



Scorns alarm clock ...sleeps way to Fortune!



A heap o' sleepin' in the wood and BRIGGS
waxes wealthy in mellow charm

AN ALARM CLOCK can tell time . . . but it can't tell Time a single thing when it comes to mellowing a fine tobacco.

That's why Briggs is aged so long in oaken casks . . . aged longer, in truth, than lots of luxury brands at twice its price. In shaded, airy sheds, platoons of stout barrels hold the top-flight tobacco leaves that experts have earmarked for

Briggs. Nature has endowed those tobaccos with rich flavor and delicate fragrance. Time bestows upon them smoothness and mildness.

With all of our 179 years of experience in producing fine tobaccos, we bow to Briggs noble pedigree . . . "By Time, out of Nature". And you'll bow, too, when you find that 15 cents buys a tin of Briggs . . . "the friend a feller needs!"

CASK  **MELLOWED . . . Extra Long for Extra Flavor**

Benton's Ozark Nudes (continued)



DESPITE HIS DISAPPROVAL, BENTON'S STUDENTS APE HIS STYLE

When Benton's painting *Susanna and the Elders* (below) hung in Manhattan's Whitney Museum this winter, it caused no great excitement. But when it was shipped to St. Louis as an exhibit of American art west of the Mississippi, Director Meyric Rogers of the City Art Museum complained it was much too nude, threatened to remove it. When he failed to make good his threat, crowds flocked in to see it.

Inspired by the torrid tale in the Apocrypha, Thomas Benton shows his *Susanna* about to dip in an Ozark stream, while two Missouri farmers, as the elders, leer around from a background which contains a Ford car and a country church. She has red-tipped fingernails, a modern hair-do, high-heeled slippers. Such great old masters as Rembrandt, Tintoretto and Veronese also painted *Susanna* as if she were a home-town girl of their own time.



YOUNG MAN INSPECTS BENTON'S SUSANNA IN ST. LOUIS MUSEUM

WHY YOU TIP YOUR HAT TO A LADY



During the AGE OF CHIVALRY, when knights wore their iron suits around everywhere, they kept their helmets on in the company of strangers. But when meeting a lady or a friendly knight, they raised the visor as a gesture of friendliness and RESPECT. This old custom is the forerunner of hat-tipping today.

A Free Booklet describing the origin of Human Customs sent on request

Here's another custom based on fact:

The respect with which the GLENMORE name is regarded by those who know fine whiskey is the result of long years of honest and prideful distilling. Fine selected small grains and Kentucky's famed deep-well water, working together with the founder's original formula, produce the basic soundness of GLENMORE Kentucky Straight Bourbon.

Pour
Glenmore
... you get more



Copy, 1939, Glenmore Distilleries Co., Inc.

Gold Label — 100 Proof
Silver Label — 90 Proof

GLENMORE DISTILLERIES COMPANY, INCORPORATED
LOUISVILLE—OWENSBORO, KENTUCKY

No. 10 of a series:
**FACTS
BEHIND OUR
HUMAN CUSTOMS**



The Glenmore Colonel...symbol of the proudest names in Kentucky whiskey. Look for him when you want the assurance of quality.



The Aristocrat of Bonds
Kentucky Straight Bourbon Whiskey —
Bottled in Bond — 100 Proof



You ought to know
TOM HARDY
A Blend of Kentucky Straight Whiskies
90 Proof



*Change to MINT SPRINGS
and keep the change*
Kentucky Straight Bourbon Whiskey
90 Proof

More News about LIFE HOUSES



TRADITIONAL HOUSE, \$2,000-\$3,000 INCOME.
Architect RICHARD KOCH of New Orleans.



MODERN HOUSE, \$2,000-\$3,000 INCOME.
Architect EDWARD D. STONE of New York City.



MODERN HOUSE, \$3,000-\$4,000 INCOME.
Architect WILLIAM W. WURSTER of San Francisco.



Architects for LIFE'S HOUSES

Architect H. ROY KELLEY'S selections for his TRADITIONAL House \$3,000-\$4,000 Income

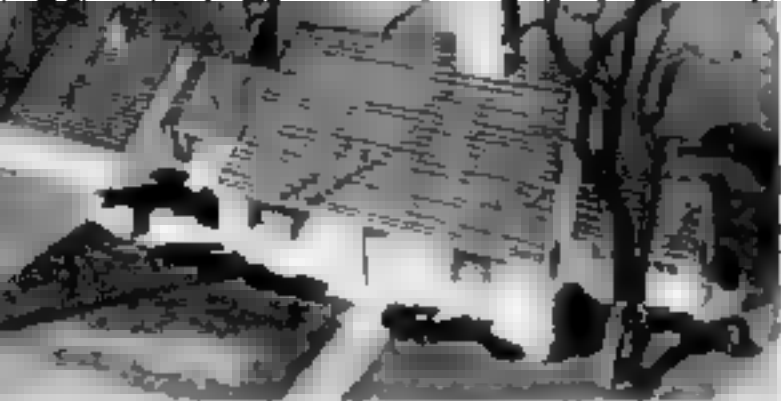
At left, Architect BURWELL HAM-
RICK, assistant to Architect H. Roy
Kelley of Los Angeles is shown select-
ing Floor-Plan Rugs for the LIFE
House which Mr. Kelley designed.
He was able to choose colors, pat-
terns and textures to go with the
architectural treatment. It was just
as easy for him to pick out rugs which
properly fitted the rooms, as may be
seen in the diagram below. The prices



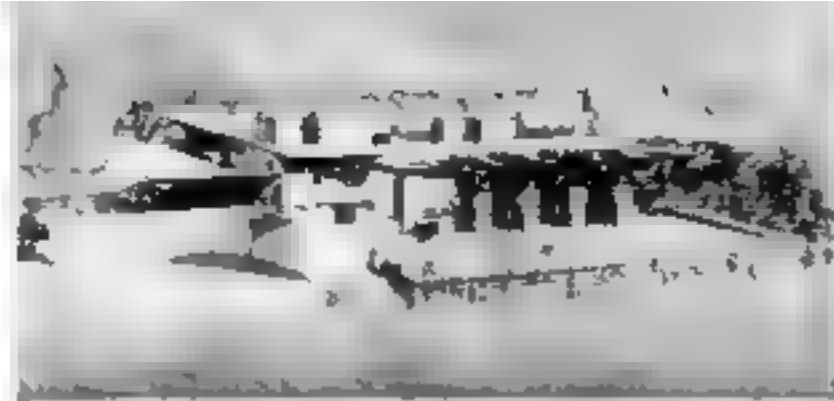
are well within the furnishing budget
of the family for which Mr. Kelley de-
signed the house. Selections of other
architects will appear in subsequent
issues of LIFE—or mail the coupon
right, below.



FLOOR-PLAN RUGS ARE MADE ONLY BY ALEXANDER SMITH.



TRADITIONAL HOUSE, \$5,000-\$6,000 INCOME.
Architect: ROYAL BARRY WILLS of Boston.



MODERN HOUSE, \$5,000-\$6,000 INCOME.
Architect: FRANK LLOYD WRIGHT of Spring
Green, Wis.



TRADITIONAL HOUSE, \$10,000-\$12,000 IN-
COME. Architect: AYMAR EMBURY, II of New
York City.



MODERN HOUSE, \$10,000-\$12,000 INCOME.
Architects: HARRISON & FOUILLOUX of New
York City.

present their own selections of appropriate rugs
from the line of

ALEXANDER SMITH FLOOR-PLAN RUGS

TRADE-MARK

FLOOR-PLAN RUGS are as up-to-the-minute as LIFE'S Houses themselves. They are in tune with the decorating trends of today...and with today's incomes. They are beautiful and smart. But they are also practical. *First*, because they are in a wide range of prices...to fit the budgets of those planning a \$2,000-income home or those planning a \$12,000-income home. *Second*, because no matter what size a room is, whether it is a dining alcove or a very large living room, there is a Floor-Plan Rug to fit it.

Whether you are building or refurnishing, Floor-Plan Rugs are the modern woman's answer. See them at stores throughout the country.

NEW TRENDS IN FLOOR-PLAN RUGS

New Tru-Tone Colors... that are livable and lovely... Delft Blue, Verbena Green, Berry Wine, Royal Blue, Chippendale Brown, Henna Wine, Tango Rust, Mocha... *Damasks*... two or more tones of a color blended in beautiful all-over patterns... *Textured effects* that bring new interest under foot... *Period Designs* for Eighteenth Century, Colonial, Modern, French, Victorian and Swedish Modern decoration.



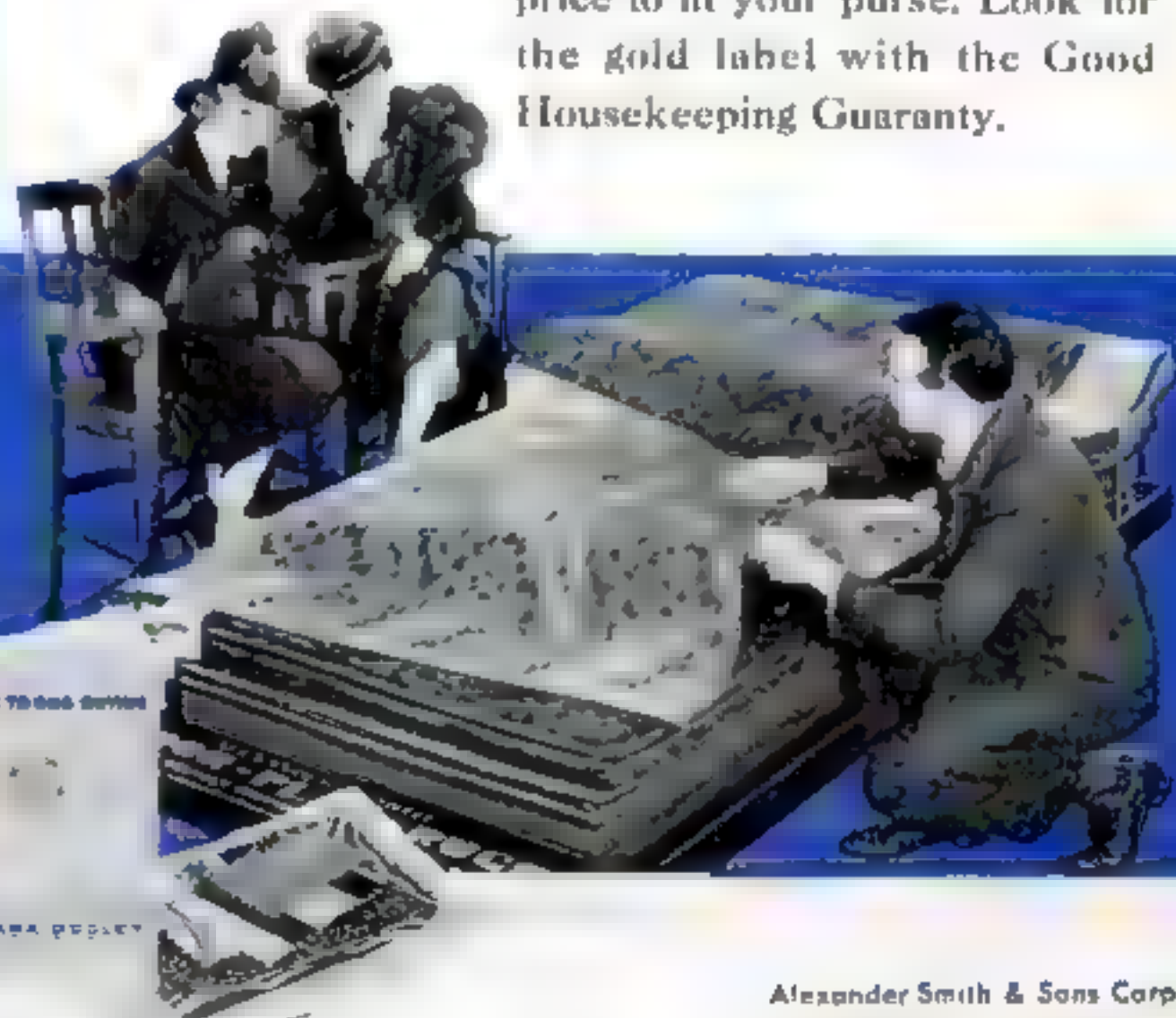
FREE! To help you choose new rugs for your own home

The Floor-Plan Rug selections of LIFE'S architects, together with Clara Dudley's famous "Guide to Rug Buying" containing room schemes in full color and many helpful decorating suggestions, will be sent to you FREE on receipt of

the coupon at right. If you would like a Color Scheme Kit (actual samples of rugs, wallpaper, drapery and upholstery fabrics) indicate on the coupon the prevailing color of your room and enclose 10¢ in stamps or coin.

Whether Building or Refurnishing Select Your Rugs the Modern Way... as LIFE'S Architects Did

It is probable that one or more good stores in your city has a complete assortment of the Floor-Plan Rugs selected by LIFE'S architects, and many others besides. If you have any difficulty, we will be glad to refer you to one nearby. From this assortment you can choose the colors and textures that will go best with your other things... in the proper size to fit your room... at a price to fit your purse. Look for the gold label with the Good Housekeeping Guaranty.



Alexander Smith & Sons Carpet Co.,
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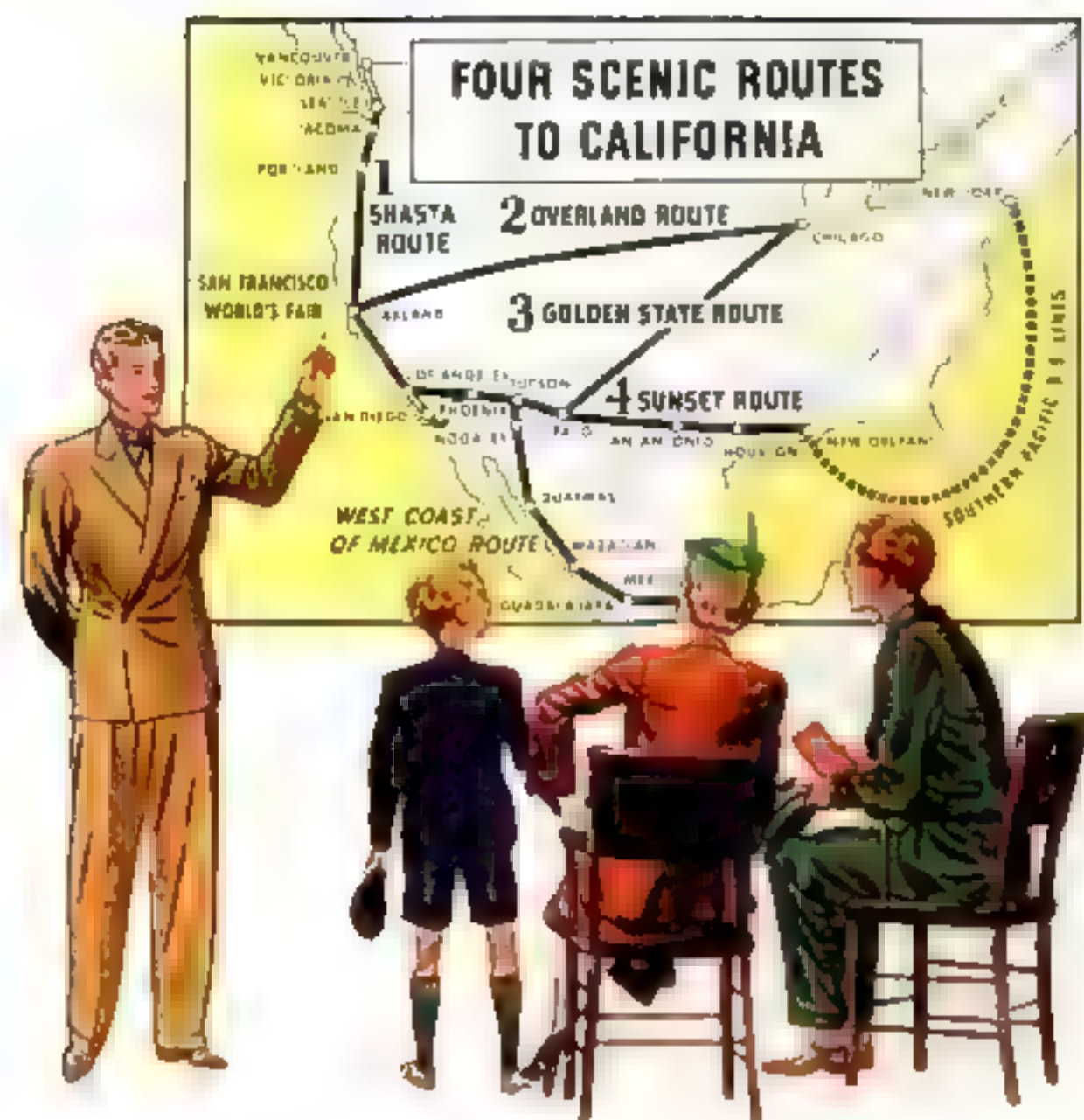
☐ Please send me FREE, list of Floor-Plan Rug selections of LIFE'S architects, and Clara Dudley's "Guide to Rug Buying"

☐ I also enclose 10¢ for which please send me a Clara Dudley Floor-Plan Rug Color Scheme Kit for a room in which the prevailing color (walls, furniture or draperies) is _____

NAME _____

ADDRESS _____

... sold by leading stores everywhere



How to SEE TWICE AS MUCH on your trip to the SAN FRANCISCO WORLD'S FAIR

for little or no extra rail fare!



THE ROCKIES



GREAT SALT LAKE



RENO



HIGH SIERRA

1 "AS YOU can see from this map, Southern Pacific's Four Scenic Routes all meet at San Francisco. By going to San Francisco on one of these routes and returning on another, you see an entirely different part of the United States each way. You see twice as much of California and the West as you would by going and returning on the same route. Let me give you an example . . .

2 "GO, for example, on Southern Pacific's Overland Route, the shortest, fastest route to San Francisco—over the Rockies, across Great Salt Lake on the spectacular Lucin Causway, through Reno and the High Sierra.

"You can choose from five great trains on this

route—the fast streamliners *City of San Francisco* and *Forty-Niner*, the *Overland Limited*, the *Pacific Limited* and the money-saving *San Francisco Challenger* for chair car and tourist passengers exclusively, with good meals for 25¢, 30¢ and 35¢, and a stewardess-nurse at your service.



3 "SEE the \$50,000,000 Golden Gate International Exposition on Treasure Island in the middle of San Francisco Bay, the most beautiful world's fair in all history, with magnificent views of the two largest bridges ever built. On this magic island you'll enjoy the fun and excitement of a trip to the Orient, the South Sea Islands, Hawaii, South America, Australia and dozens of other thrilling foreign lands.



YOSEMITE



BIG TREES



LOS ANGELES



SOUTHWEST



NEW ORLEANS

4 "RETURN, as a suggestion, on our friendly *Sunset Limited* or *Argonaut*, tracing the romantic Sunset Route through Los Angeles, Southern Arizona, Texas and New Orleans, with side trips (for small extra fare) to Yosemite National Park, the Big Trees or Carlsbad Caverns National

Park. Or use any other combination of our four routes. "From most eastern and midwestern places, such a 'go one way, return another' Southern Pacific ticket costs you not 1¢ more rail fare than a trip straight to California and back on the same route. Yet you actually see twice as much!"

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Boston	294 Washington St.	Minneapolis	619 Metropolitan Life Bldg.
Buffalo	204 Elliott Square Bldg.	New York	531 Fifth Ave.
Chicago	77 E. Jackson Blvd.	Oklahoma City	116 N. Robinson St.
Cincinnati	408 Traction Bldg.	Philadelphia	111 South 15th St.
Cleveland	1116 Hippodrome Bldg.	Pittsburgh	1215 Gulf Bldg.
Denver	409 E. 9 National Bank Bldg.	St. Louis	404 Pine St.
Detroit	205 Majestic Bldg.	Washington	1201 Sherman Bldg.

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5 MAIL THIS COUPON today and we'll send you free a color booklet describing the San Francisco World's Fair and the 32-page picture book of our Four Scenic Routes. Address O. P. Bartlett, Dept. LE-2, 310 South Michigan Avenue, Chicago, Illinois.

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IN THE BOARD ROOM OF THE RADIO CORPORATION OF AMERICA IN NEW YORK'S ROCKEFELLER CENTER, EXECUTIVES WATCH THE LATEST THING IN TELEVIEWED TRANSMISSION, FEB. 1

It makes its commercial debut this spring with World's Fair

Regular television broadcasts are to be inaugurated by National Broadcasting Company on April 30 in conjunction with the opening of the New York World's Fair. This means the decade's most revolutionary invention is at last ready to emerge from the laboratory and make its commercial debut in America.

The three R.C.A. officials above are watching an experimental broadcast picked up by their company's very latest receiving set in their New York City board room. They know that the images they see reflected in the mirror are good and that the receiving sets, selling from \$200 to \$1,000, will perform satisfactorily. Beyond that they know nothing. Unlike most inventions, which start on a small experimental scale, television will make its appearance as a full-grown business proposition. In addition to the tens of millions of dollars already sunk in research by promoters, each television station will have to spend at least \$250,000 for transmitting equipment, about ten times more than a radio station on programs.

If the television consumer market were large enough, such expenditures might warrant the expectation of sizable profits. Unfortunately, however, television is, so far, doomed to small areas and hence small markets, because at present, transmitters can

broadcast their waves a distance of only 50 miles. As a result, Metropolitan New York with its 10,000,000 inhabitants will rank as the No. 1 television area. Only other cities to receive television this year will be Philadelphia, Los Angeles and Schenectady. Ultimately all centers of over 100,000 inhabitants may be covered. But at best television in its present state will reach only 6% of the land area of the U. S., in which live 30% of its population. Only seven stations will be able to broadcast simultaneously from one city without interference.

Large communications companies are trying to retain their proprietary interest in this new invention. But television is still anybody's game because any new development can wreck the present facilities. And the air which carries the television impulses cannot be bought. The scramble for permission to broadcast on certain ultra-short-wave bands has been frantic. But even the winners in this fight have no sense of security so long as the waves set up by a diathermy machine in a doctor's office, or the spark plugs of an automobile running in one's own garage, can ruin the reception of television broadcasts. And across the street the owner of a receiver may be perfectly situated to catch broadcasts from several stations while you are

getting no images at all on an identical set, or double images caused by waves reflected by nearby walls.

Television is a mystery even to its inventors. The tiny electrons into which a picture is transformed for television transmission are most unruly things, and the electro-magnetic waves that ferry television images across space behave most unexpectedly. Thus, contrary to all known rules, a picture televised in London was picked up a fortnight ago by an experimental receiver on Long Island. Developed far beyond the field of television, electrons are now replacing light waves to make possible infinitely more powerful microscopes and telescopes.

That the U.S. is eagerly awaiting television is shown by the recent decrease in sales of expensive radio sets in cities. If all goes well, some 25,000 television receiving sets may be sold in 1939. Whether television consumers will be satisfied with programs consisting mainly of newsreels, one-act plays, fashion shows and interviews is a question that no one can answer. Only safe guess that experts can make is that in ten years the science of television will have progressed at such a rate that you will be able to enjoy most forms of public entertainment in your home. By that time the television industry will be one of the biggest and most powerful in the land.

CONTINUED ON NEXT PAGE

World
War
II
1939-1945
(continued)



Its range is short,

The picture below shows a television broadcasting studio in London. At far right under microphone boom the "camera" on truck is televising act on under intense light. At left spectators watch show through glass panels.

England has had television for two years and has made a fair technical success of it. It has, however, sold only 10,000 sets, has one government-controlled station. Most other European governments own and operate all television transmitters, use them for propaganda.

U.S. television is promoted by private interests. If it becomes the boom of the 1940's, hundreds of companies are going to pop up, demanding their share of the public air. But ultra-short-wave broadcasting bands in the air are as limited as are lanes on a highway. To the Federal Communications Commission belongs the terrific job of allocating these lanes fairly.

Only other hope of increasing the width of the television highway lies in the brains of such scientists as R.C.A.'s electron optics research group (left) headed by the brilliant Russian emigre Vladimir Zworykin. Announcement fortnight ago of the development of the rhumbatron by Stanford University physicists brought this hope closer to realization. The rhumbatron is a tube which makes electrons dance the rhumba, sending out waves even shorter than those used at present and thus giving away

Television brain trust of R.C.A. is composed of these men and headed by Dr. Vladimir K. Zworykin (wearing a coat).

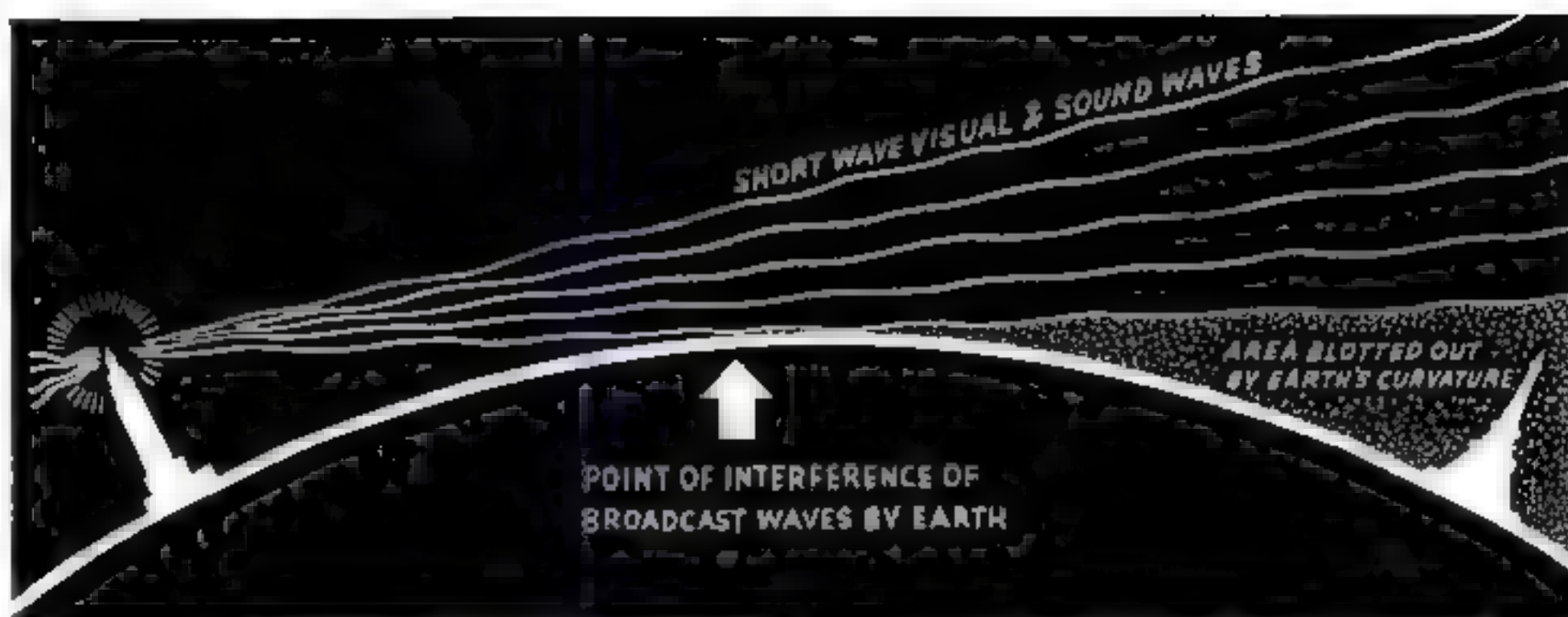
Dr. Zworykin shares the honor of developing electronic television with Philo T. Farnsworth, Philadelphia engineer.



its roads narrow

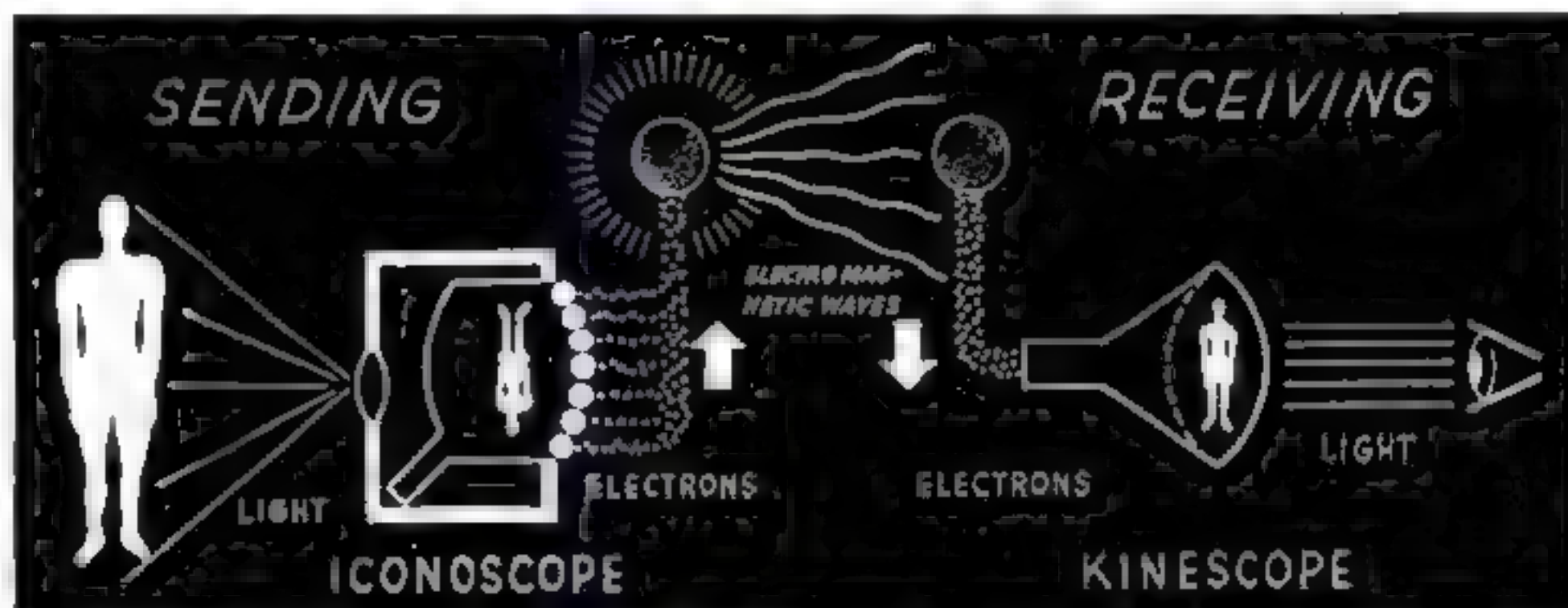
more lanes to the television highway. Simultaneously, R.C.A. engineers are developing a radio relay system which promises to connect telecasting stations into networks, making it possible to see in Chicago events televised from New York. These stations would be 15 or 20 miles apart. Their transmitters would automatically relay the waves carrying the signals and would require no attendants.

Television is a headache to its inventors because it uses three different mediums (*right, below*) to bring an event into your sitting room. The light from the object is focused by a lens on a plate, composed of hundreds of thousands of tiny photoelectric cells, in the Iconoscope (the "ike" which corresponds to the "mike" of radio). Every time light hits the front of a cell it creates a tiny electric charge at the back. These charges, released one by one, transform the image into a flow of electrons. The electrons, when broadcast from the antenna, are transformed into electromagnetic waves. These are picked up by any antenna within 50 miles, transformed once again into a flow of electrons which are then sprayed across the back of the receiving tube, stimulating its photoelectric cells to give out light in the form of the original image. The electron spray moves across the screen 13,000 times a second. Theoretically the process is similar to picking up all the buildings in Chicago one by one, flying them 50 miles and putting them down again in exactly the same order



Ultra-short waves aimed at horizon carry television signals in a straight line. They can be picked up anywhere between

transmitter and horizon where they continue out into space. The broadcasting radius depends upon height of antenna



Sending a television picture consists of transforming the image of an object into electrons in the Iconoscope (cam-

era) and into short waves from the antenna. The receiver reverses this order, re-forms the image in the Kinescope.



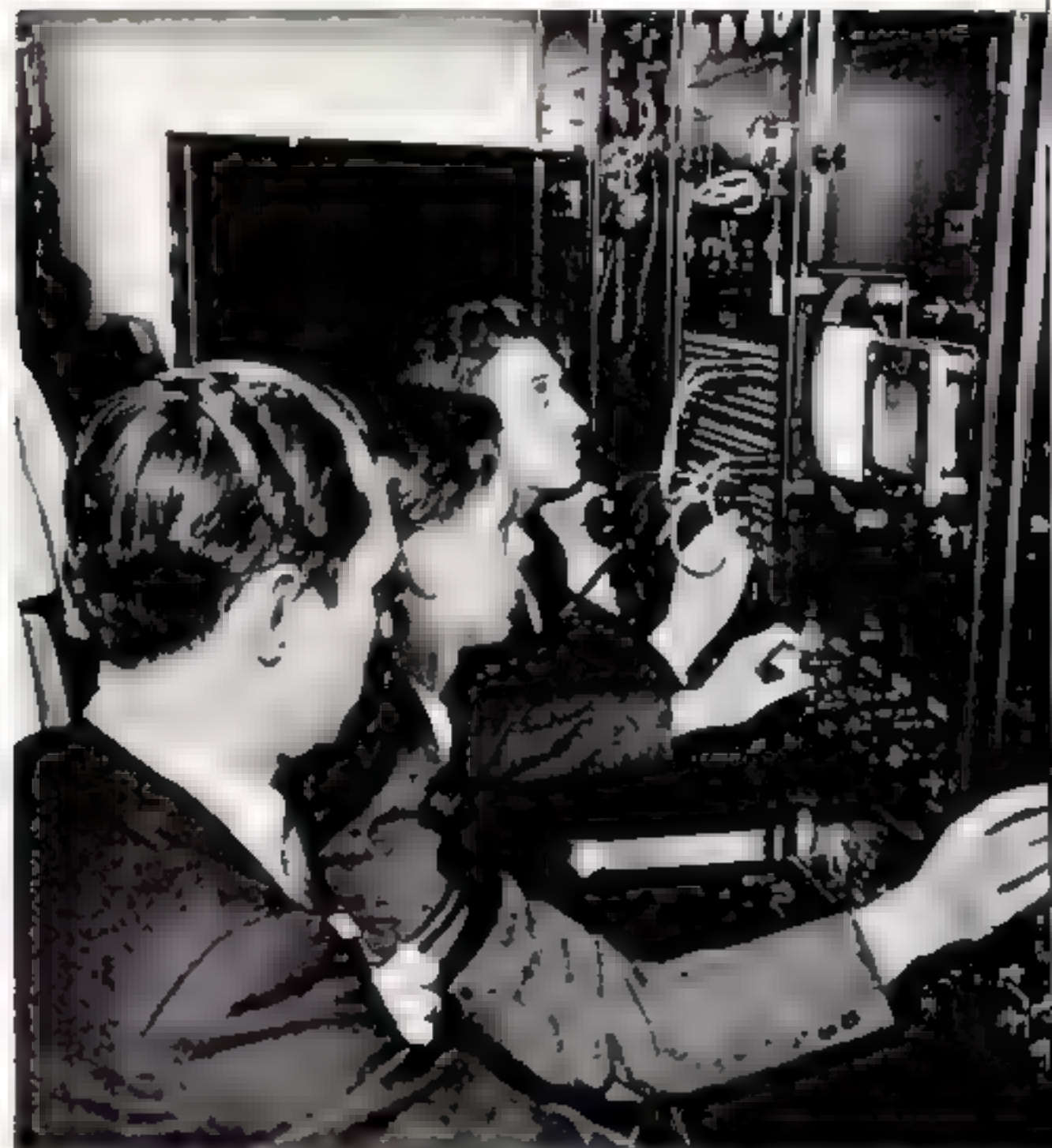
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TELEVISION (continued)



Two ten-ton trucks are used every time any object is forecast outside of NBC's studios. In addition

to 'likes' and lights the trucks have a transmitting plant which relays pictures to the telecasting station.



Engineers sitting at the control board in the truck regulate the quality of the televised picture. The truck must always be connected to an electric line.

This act looks like ■



ACTORS FOR A TELEVISION SHOW HAVE THEIR FACES CAKED WITH PEACH POWDER AND ARE PLACED CLOSE TO THE CAMERA UNDER GLARING LIGHTS. NOTICE BACKGROUND



Batteries of lights have to be installed. They must be twice as strong as those used in making motion pictures. In the tele-



vised picture here the background is dark. Homesopist with earphones gets his orders from engineers in truck by telephone.

An hour's program costs N.B.C. \$2,000

On Jan. 15 two ten-ton trucks rolled out of the R.C. A. Building in New York City. In them were twelve men, \$100,000 worth of television equipment. They stopped at a near-by restaurant where one of the trucks disgorged a television, kineoscope, a microphone, dozens of lights, projectors and six men. The remaining men operated the truck which was to broadcast a floor show—the first pickup to be made outside television studios but inside a room. After three hours of preparation, *deft* the show went on. Had you had a television receiver you would have seen in it the picture below, which is printed the exact size of the receiving screen. Had you been in the restaurant, you would have seen the scene as LIFE's photographer caught it on opposite page.

Estimates place the cost of a television show at ten times that of a radio show or about \$2,000 an hour exclusive of talent cost. Because advertisers will not get their money back until they reach an audience of several hundred thousand people, the telecasting companies are going to have to make and pay for their own programs for some time to come.

this when televised



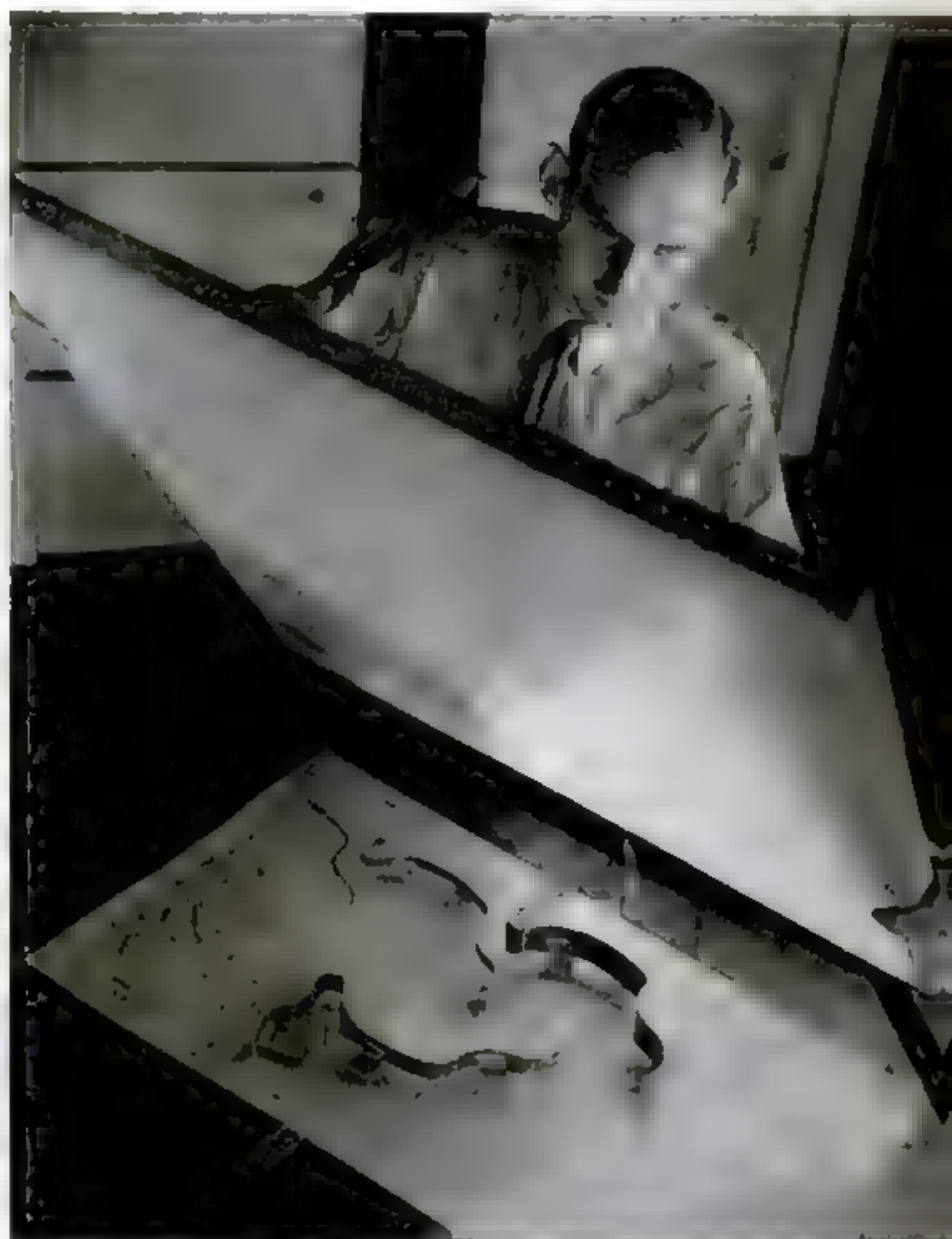
TELEvised, THE SCENE ON OPPOSITE PAGE IS HERE PHOTOGRAPHED ON RECEIVING SET AND PRINTED FULL SIZE. THE BACKGROUND IS GONE

CONTINUED ON NEXT PAGE

TELEVISION (continued)



A rubber test table is used to chart path of electrons. Small steel balls rolling down between the bent aluminum strips behave like electrons in an electrostatic field. By changing the shape of the strips, which represent the electrodes, researchers discover best electron flow.



Actual course of the steel balls representing electrons is charted on a piece of paper under the rubber table. Every electron hitting an electrode in a tube knocks off more electrons. That scientist's problem is to increase this multiplication and obtain a powerful electron current.

Its scientists study electrons

As scientists in the past studied lenses and methods of producing more powerful light, so scientists today are studying electronic lenses and electron beams which will give better pictures on the television screen. Because the science of electronics is still in its infancy, television researchers are unable to solve many of their problems with mathematical equations. Thus the R.C.A. researchers, shown here in their Camden, N. J. laboratory, rely largely upon concrete experimentation. Months ago, these men were told to build an Iconoscope to certain specifications. How they designed its intricate parts is shown above. To see how electrons flow in a tube, they filled it with gas, got the strange effect of a one-eyed monster pictured on opposite page.

Physicists studying electronics lead an exciting life because they never know what they will discover next. In the past few years the universe of electronics has expanded at a tremendous rate. In addition to television, it has made possible the electronic microscope, might give birth to an electronic telescope.

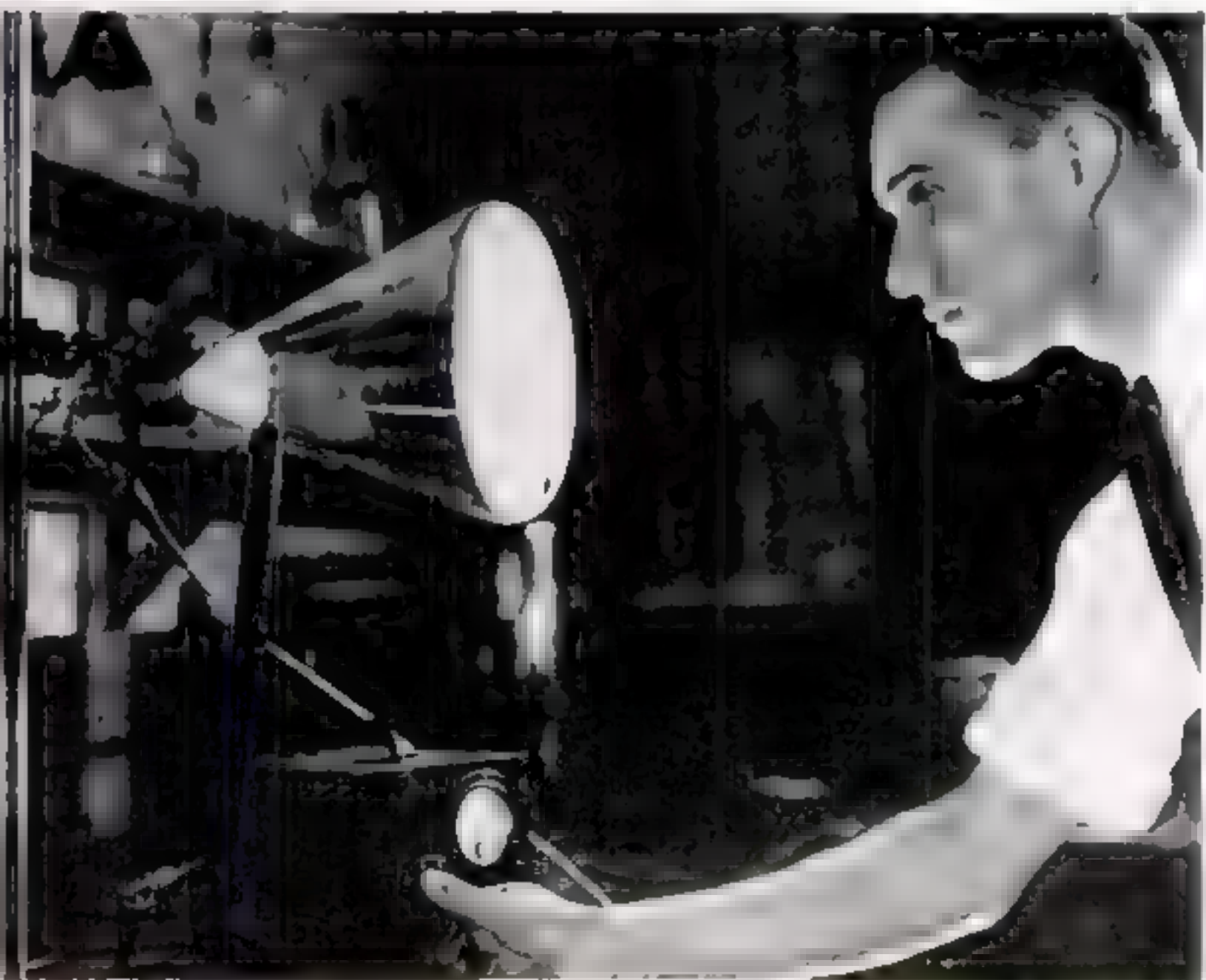


Electronic telescope is focused at a pattern board in a test to measure image distortion. Although this instrument cannot be

used for looking at stars, the principle by which it works may one day make possible telescopes superior to optical telescopes.



Results of research (left) are incorporated into this electronoscope which is now being tested for efficiency. The actual path of electrons is shown at the right. The strong electron current burning from electrode to electrode in this gas-filled tube makes the gas glow.



This point microscope is used mainly to discover what metals give the best emission of electrons. Electronic microscopes, *THE E*, Oct. '31, are ten times more powerful than ordinary optical microscopes.





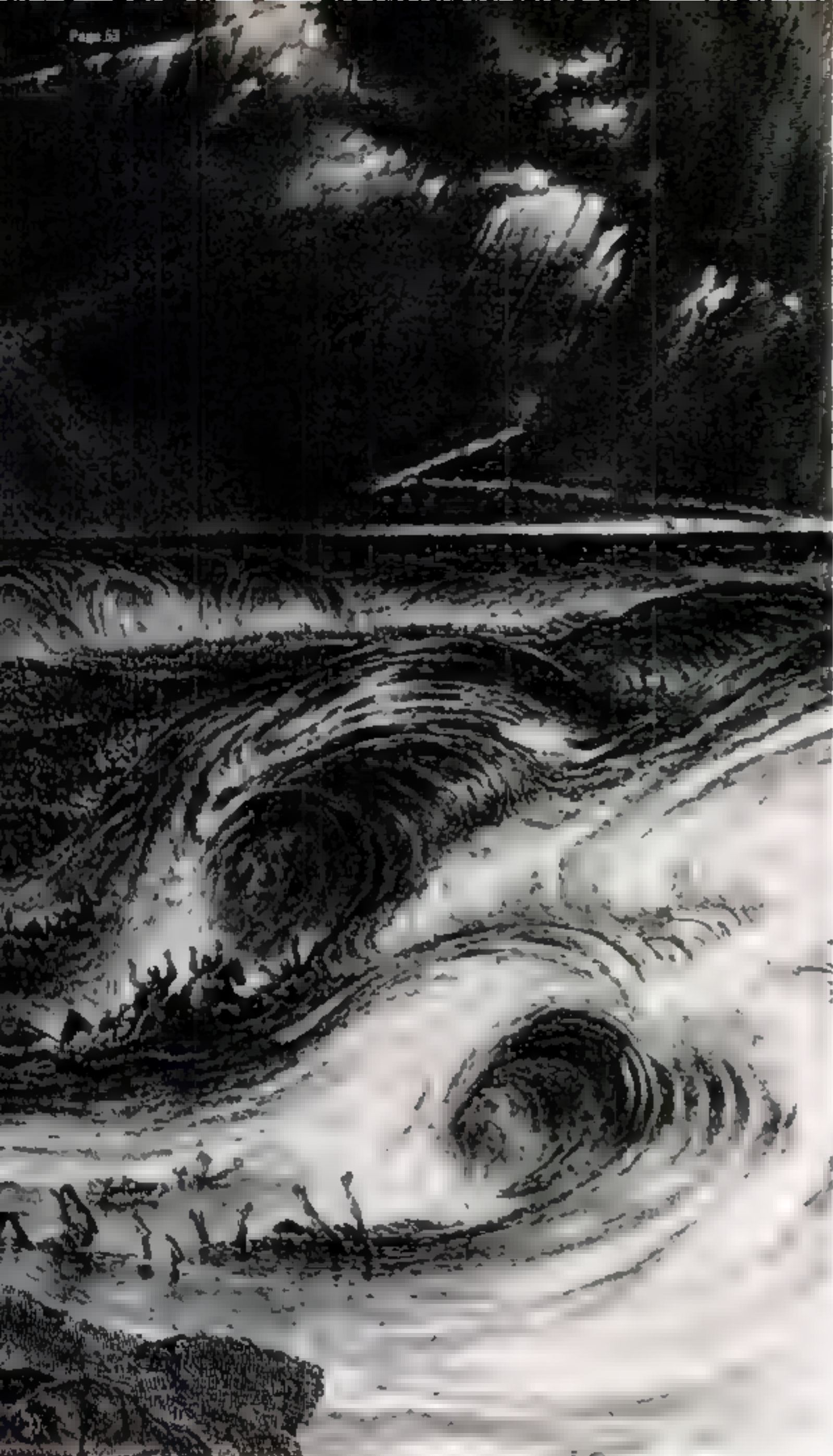
"AND THE WATERS RETURNED AND COVERED THE CHARIOTS AND THE HORSEMEN AND ALL THE HOST OF PHARAOH THAT CAME INTO THE SEA AFTER

The Bible in Pictures: The Story of Moses

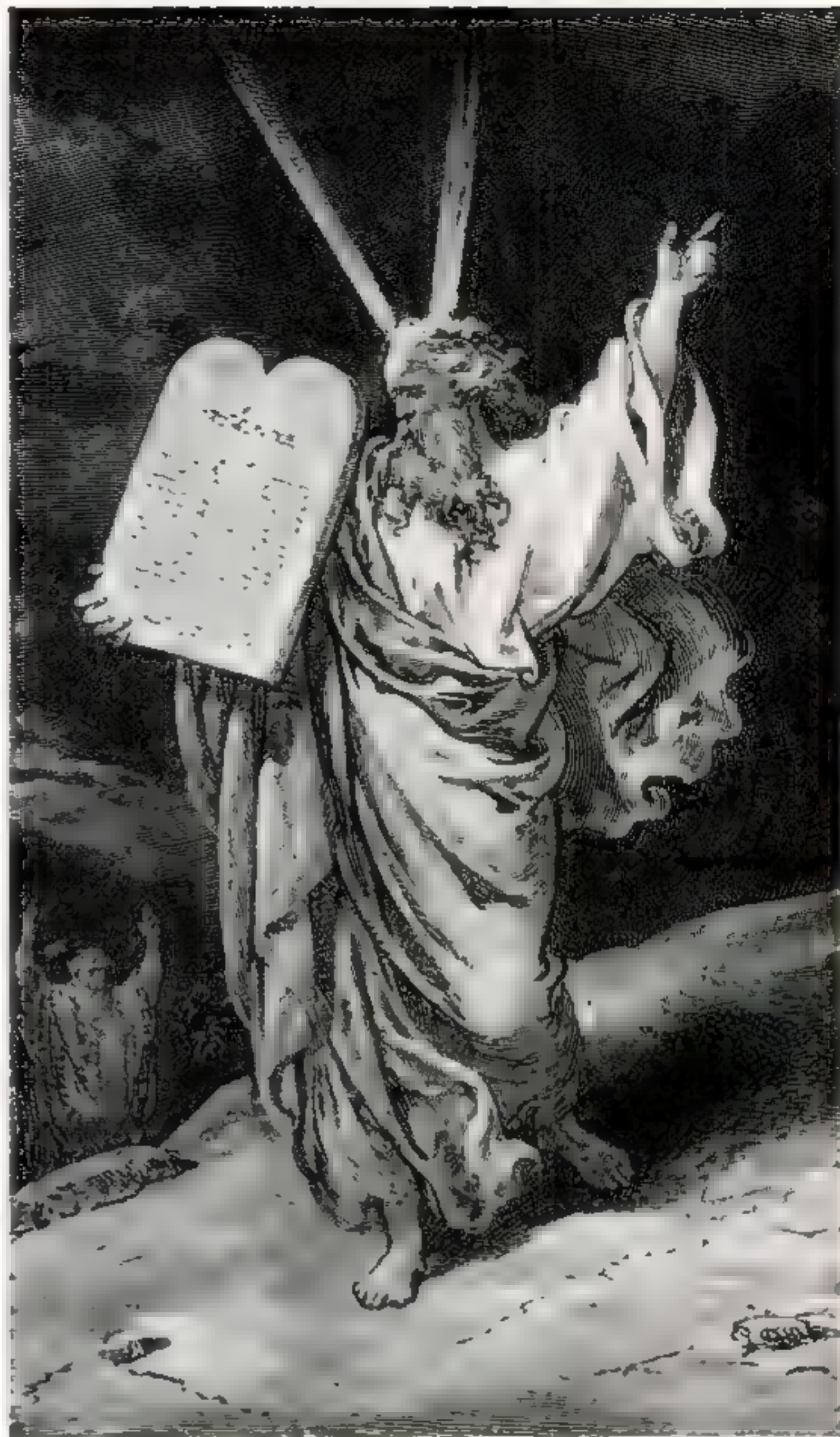
ACROSS RED SEA HE LED THE JEWS
FOR 40 YEARS TO PROMISED LAND

The pictures on these pages tell the story of Moses, the third in LIFE's series on the Bible in pictures. Leader of his people through the most critical years of their history, Moses is the greatest figure in the Old Testament. His success, like that of other Bible heroes, often depended on the strenuous intervention of his God. In Egypt Jehovah loosed ten terrible plagues to free the Jews from bondage. As they reached the shore of the Red Sea, with Pharaoh's army in hot pursuit, He caused the waters to divide. After the Jews had passed through, Moses raised his staff. The walls of water collapsed on Pharaoh's host. This is the scene depicted above by John Martin, an early 19th Century English artist who turned from painting the haunted landscapes of his period to engraving the calamities that punctuate the story of the Bible.

Between the Red Sea and the Promised Land lay 40 bitter years in the desert wilderness. Moses found his people demoralized by slavery in the cities of Egypt. Time and again overcome by hunger, thirst and fatigue, they were ready to go back into captivity. It was only the inflexible will of Moses that kept them on their way. He organized the tribes into a nation, established firmly their monotheistic religion, and wrote their basic law, The Ten Commandments, which he brings down from Mt. Sinai in Gustave Doré's drawing *across right*. In the end, Moses' leadership made the Jews the sturdy warriors who conquered the Promised Land. But Moses, for one lapse in faith, was condemned by God never to enter and only to see from afar, as Rudolph Schnorr pictures him *at right*, the land to which he had led his people. He died at its frontier and there arose not a prophet since in Israel like unto Moses, whom the Lord knew face to face."



THEM; THERE REMAINED NOT SO MUCH AS ONE OF THEM"—EXODUS 14:28



MOSES DESCENDS FROM SINAI BEARING THE TEN COMMANDMENTS



"SEE IT WITH THINE EYES, BUT THOU SHALT NOT GO THITHER"



AN ANGEL GUARDS MOSES IN HIS UNKNOWN GRAVE IN LAND OF MOAB



JAMES STEWART RACES TO THE DELIVERY ROOM AT 4 A.M. TO SEE HIS BABY

MOVIE OF THE WEEK:

Made For Each Other

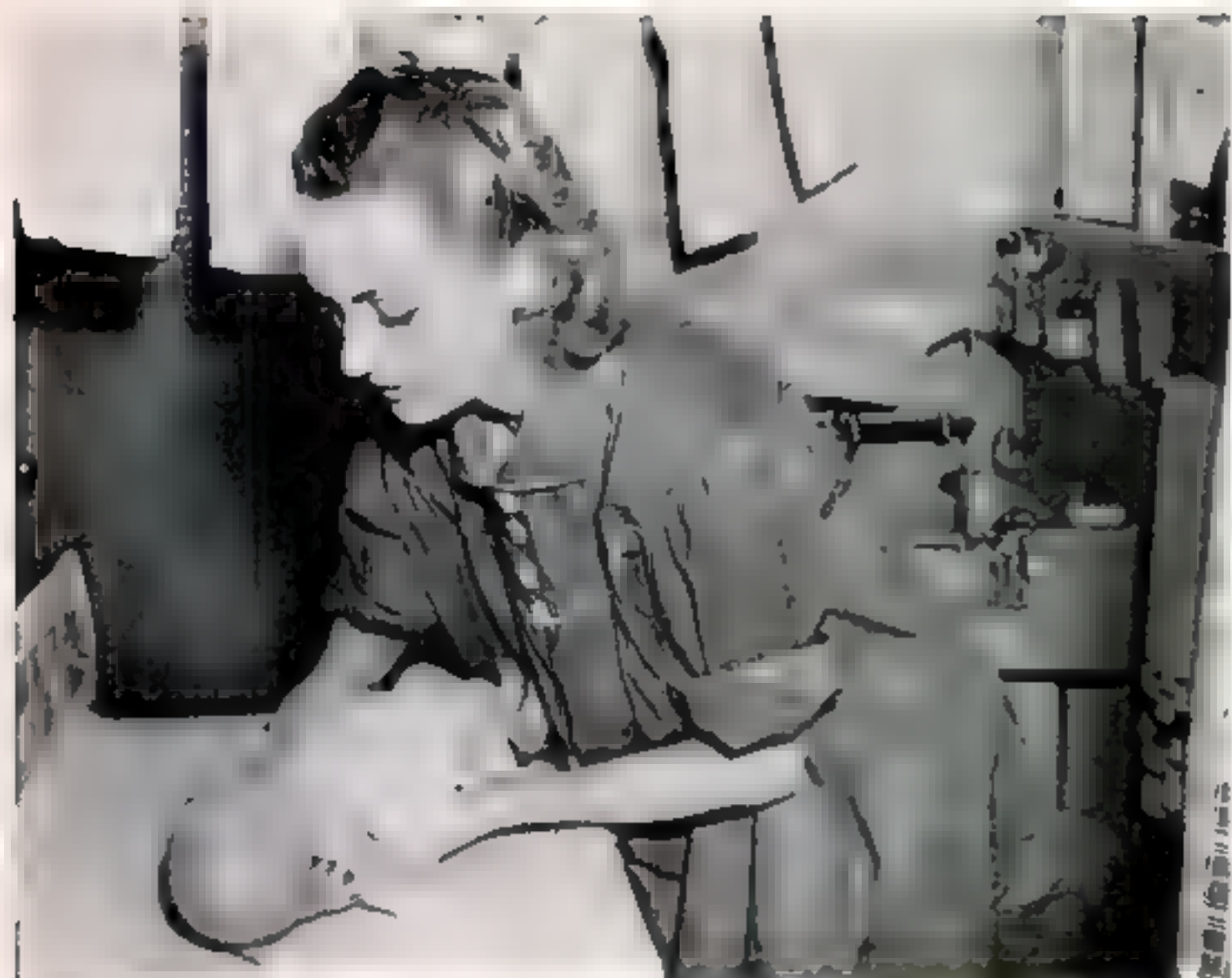
Carole Lombard plays a tearful mother's role

These pictures of Carole Lombard show Hollywood's rawest truth. A year ago Carole was Screwball Girl No. 1 of the screen, the daffy dame who had streaked and kicked her way to fame and a half-million-dollar-a-year fortune (LIFE, Oct. 17). Now, suddenly, all this has stopped. In *Made For Each Other* Carole is a loving wife, a devoted mother (at left, with one-year-old Jackie Taylor, one of three infants used in this picture). She suffers. She weeps. And what is more, she does so with such genuine feeling and restraint that David Selznick's "diary of a young married couple" becomes a truly fine picture.

Made For Each Other has, as Hollywood movies go, little story. It tells how a young lawyer (James Stewart) meets a girl on Boston Common, takes a Cinder out of her eye, marries her, yearns in vain for a raise, struggles along helplessly on little money. A baby comes. Their apartment is overcrowded. Their nerves fray and they agree to part. Then the baby takes ill and, while a valiant aviator whirls bloodily through a blizzard with life-saving serum, they reunite. From such simple everyday ingredients, *Made For Each Other* evokes such thrilling drama that it may well point the way to a saner, more human kind of Hollywood art.



JAMES STEWART GETS HIS FIRST LESSON ON HOW TO BE A FATHER IN A TAXI



Carole bathes her newborn babe in the crowded bathroom. The 10-day-old baby, Bonnie Belle Barber, was paid \$75. At lower right is Carole helping Jackie Taylor learn to walk.



Carole takes off Jimmy's shoes when he comes home after a drink and goes to bed without removing them. He has approached his boss for a raise and received a 25% cut instead.



Carole weeps when she sees her baby, dying of pneumonia, gasp for air in an oxygen tent. She fears that the plane bringing serum from Utah to New York has been lost in a blizzard.



Carole points out Jimmy's boss to her baby, now recovered and learning to speak his first words. But when they urge the child to display his new powers, all he says is "Glub."





Part of the Superior Council of War pores over maps in Gamelin's Paris office. Seated, left to right, are Generals

Blanchard, Georges, Gamelin, Colson and Garchery. Standing behind them are Generals Réquin, Dosse, Bühner and Besson.

GAMELIN

In a post-Munich Europe the Commander in Chief of the French Army maps anew his strategy for turning back Germany

by CAPTAIN B. H. LIDDELL HART

The past year has seen drastic changes in the high places of the European armies. Russia has shot her former military leaders. Germany and Britain have put theirs on the shelf. But the French, the reputedly changeable people, have kept at the head of their forces a man who became Chief of the General Staff as far back as 1931, and who, in tally of years at least, is older than any of those elsewhere who were removed on grounds of age—66-year-old General Gamelin. As the first Chief of the General Staff of National Defense, supervising the forces on land, at sea and in the air, he exercises a military authority greater than has been entrusted to any Frenchman since Napoleon.

The creation of such a post is partly due to the changes in the nature of warfare which have been produced by the growth of air power. So long as war was waged only on the surface of the land and the sea, the security of a Continental country depended mainly on the state and strength of its army. The navy was secondary.



His great-grandfather, Napoleon's Military Governor of Phalsbourg.



His grandfather was the last French Governor of Strasbourg before 1870.



Gamelin as a young student at Collège Stanislas before military school.

As a major of the Chasseurs Alpins in 1911 Gamelin previously had served under Joffre.



He won fame in the World War for getting Joffre to attack at the Marne. Here Joffre gives the orders, written by Gamelin (far left).



His father was Contreleur General of the French Army. He died in 1921.



As a staff officer (left) he helped Joffre (next to him) map campaigns from 1914-16. Then he became an infantry commander at the front.

Whether war comes in Europe will depend in large part on whether Germany thinks she can defeat France. The French Army is smaller than the German but better trained and better officered, and many experts still rate it "invincible" in defense. The man who built it to its present peak and who would command it if war came tomorrow is General Marie Gustave Gamelin. General Gamelin is 66 and may soon give up active command of the Army but will keep full power as Chief of the General Staff of National Defense.

Because the peace of the world may hang on the French Army and its commander, LIFE herewith presents an estimate of both by the greatest living journalist of military strategy, Captain B. H. Liddell Hart. Captain Hart served for 13 years with the British Army and evolved the Battle Drill system. He is military correspondent of the London Times and author of *A History of the World War* (1934), the best book in its field, and a close adviser of the British Government.—ED.

So little regard did the German army chiefs pay to sea power in 1914 that when asked whether they would like the navy to prevent the passage of the British troops to the Continent, they casually replied that it would be better to leave them to be dealt with by the army. But with the advent of air power, a fortified frontier and an unconquered army are no longer a secure shield to the country which it covers. Air operations have so close a reaction on land operations, and on sea operations too, that a single control has become a necessity.

But something more than a realization of the value of co-ordination has dictated and hastened the step. The impulsion has come from what has been summed up in the remark: "Forty million Frenchmen have to face eighty million Germans." Moreover, the French now have to adjust the possible requirements of three different frontiers.

On the north the Maginot Line promised the

CONTINUED ON NEXT PAGE



The baby Gamelin was painted beating a drum when he was 20 months old. The artist: his mother, Mme Gamelin.

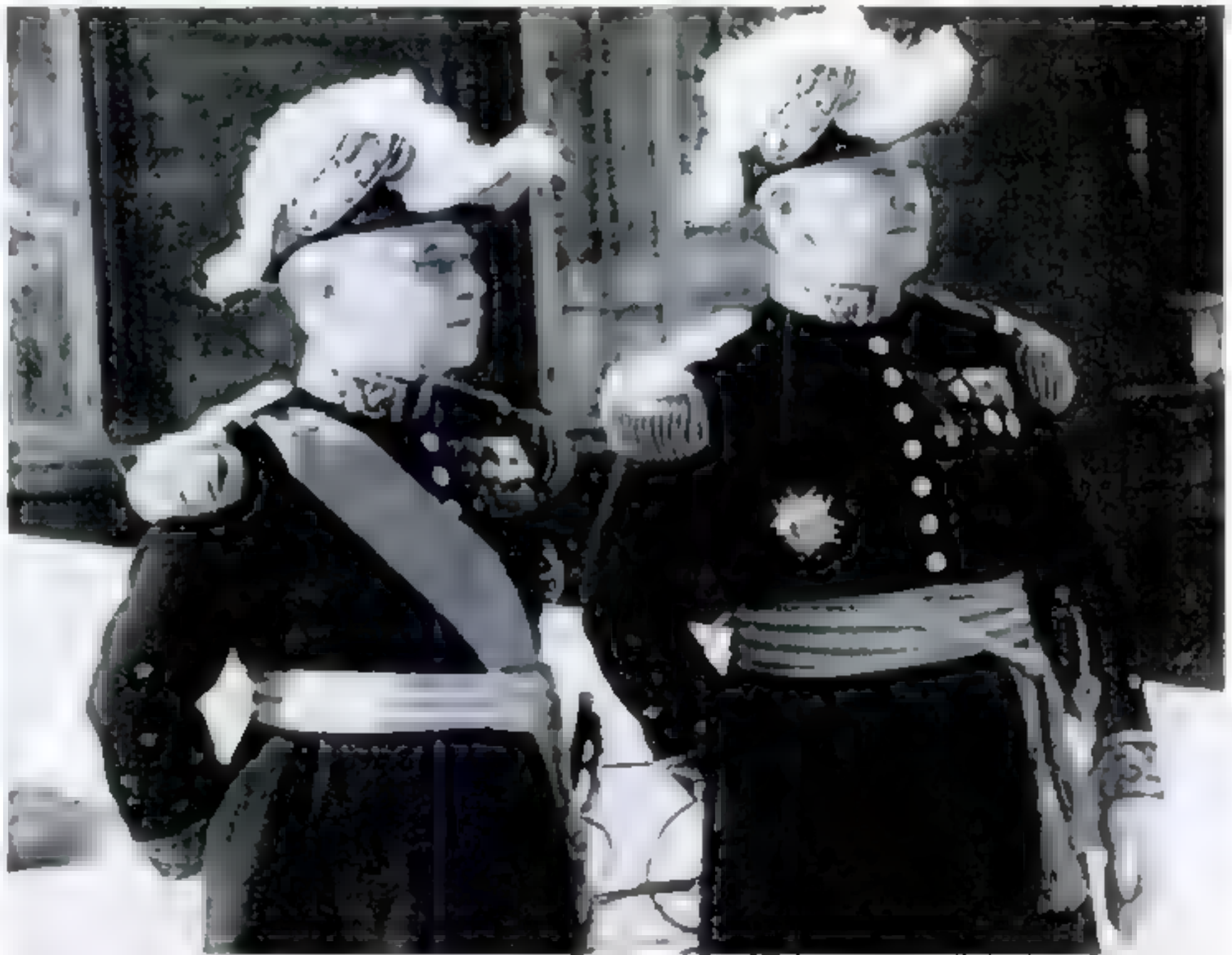
came from a line of generals stretching back to the days of Louis XIV and was sure her son would be a general also.



In Brazil, as chief of the French military mission 1919-25, he reorganized the army. Here he directs Brazilian officers at maneuvers.



He bombed rebel Druse tribes in Syria when chief of the Armies of the Levant in 1926. Here he inspects a fortress at Suweidch, Syria.



In full dress uniform he stands with General Alphonse Georges (right). If Gamelin retires as head of the Army to

concentrate on his job as generalissimo of all the armed forces, Georges will probably succeed him as army head.

● On the Island of Maui in the Hawaiian Islands is the famous Iao Valley where King Kamehameha conquered his enemies in a furious battle.



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ADDED



Young Gamelin learned war at St. Cyr, one of the best military schools in Europe, the Alma Mater of great French generals. He graduated at 21, at the top of his class, in 1893



Napoleon founded St. Cyr in 1802. Present buildings were erected as a girls' school by Mme de Maintenon, Louis XIV's wife. Napoleon's statue is on grounds near her tomb (below).



GAMELIN (continued)

French a high degree of security against the dangers of a German attack. So long as France had allies in the East on whose co-operation she could count, it was impossible for the Germans to concentrate sufficient strength in the West to have any reasonable chance of forcing the defenses there.

But the Munich settlement has radically altered this strategic balance. Czecho-Slovakia's 40 divisions have been removed from the scales, and Germany is free to throw her whole weight against France. While the Alps are a formidable obstacle to any Italian invasion, the threat would compel the French to post considerable forces there as a safeguard. Similar reflections apply to the other new possibility, of a threat from Franco's Spain against the Pyrenees frontier. And beyond that direct distraction is the handicap which France would suffer, in using her available strength, from the presence of a hostile Italy in the Mediterranean. Part of her forces in Africa would have to be retained to guard against a threat to Tunis, and even those which could be dispatched to France would have to run the gantlet of Italian submarines and aircraft. The sea routes on which France depends for communication with her African reservoir of manpower would then be squeezed in a vise-like grip. It has become clear that German and Italian intervention in Spain has been largely dictated by the strategic aim of developing a lever against the backs of the French.

Thus the complexity of their problem and the acuteness of their danger have impelled the French to create a supreme control for their fighting forces. But the fact that their Government has chosen to entrust it to Gamelin is due not only to his military gifts but also to his simplicity of purpose. The powers confided to him are the measure of his success in dealing with the politicians of a country which, ever since its experience of Napoleon, has been peculiarly suspicious of ambitious soldiers. If war should come to Europe, Gamelin may gain as great a popular reputation as his old master, Joffre—to whose reputation he largely contributed.

Marie Gustave Gamelin was born in Paris on Sept. 20, 1872, and his impressionable early years were spent in an atmosphere charged with memories of the disastrous Franco-German War. The loss of Alsace-Lorraine touched his family the more acutely, since it not only had a military tradition but an ancestral link with the defense of the erstwhile Rhine frontier. One of its members had been Military Governor of Strasbourg, another the Governor of Phalsbourg, under Napoleon I. It was thus natural that the boy should incline to a military career, and this disposition was accentuated by the atmosphere in which he was educated—at the Collège Stanislas, the nursery of so many French generals of fame. While there he showed artistic gifts sufficient to suggest that he had promise as a painter, but the combined influence of heredity and environment was too strong, and at 19 he entered the Military School at St. Cyr.

A pupil of Foch and Joffre

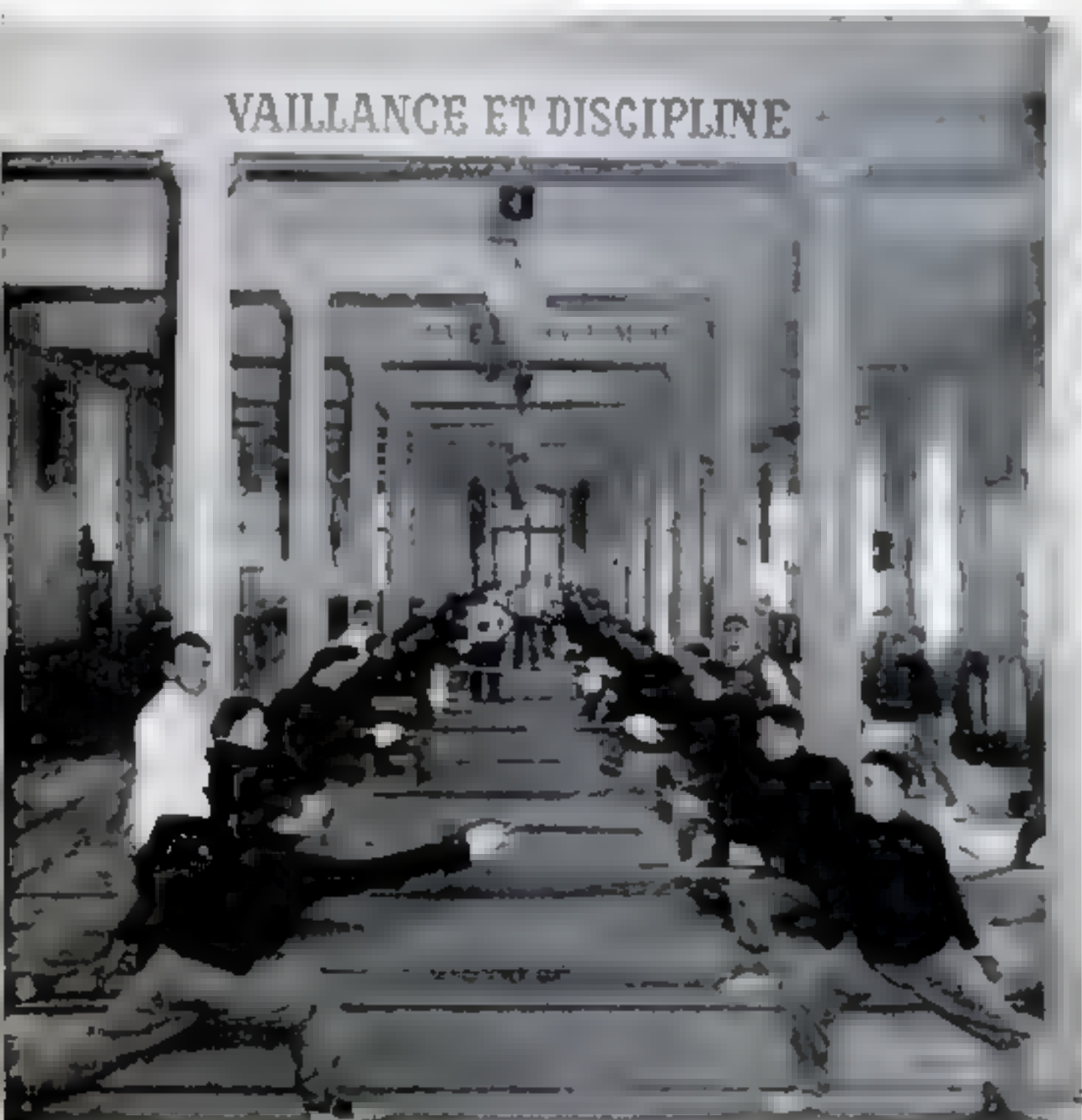
On receiving his commission in the infantry, he went out to North Africa for three years, and then came back to serve in the Army Geographical Service—an experience which laid a good foundation for a future strategist. In 1899 he gained admission to the Staff College, where he found himself one of the pupils of the future Marshal Foch. Then, in 1906, fortune beckoned him with an imperceptible nod to the side of a man who would become world-famous even before Foch.

When Gamelin joined the staff of the 6th Infantry Division its commander, General Joffre, was no more than an engineer officer of some colonial reputation. Naturally he was out of his element in the tactical exercises that an infantry divisional commander has to conduct, and was pleased to find a bright young staff officer with a tactical flair on whom he could lean. And when he was advanced to command an army corps he took Gamelin with him as his *Chef de Cabinet*, or military secretary.

In 1911 a military revolt took place in the higher quarters of the French Army. The Commander in Chief designate, General Michel, was unseated. Galliéni, who had contributed to Michel's overthrow, felt that good taste compelled him to decline the succession, and he suggested his old assistant in the colonial field, Joffre. The suggestion was welcome to the



St. Cyr's 1,100 cadets, with their plumed "casques," will uphold a French Army's reputation for having the best-trained officers in the world. In the last war St. Cyriens wore white gloves in battle, fought bravely, gave France great Generals in Pétain, d'Espérey and Galliéni.



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*Arrow patent No. 1,871,355.



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In a friendly era Gamelin decorated Marshal Badoglio of Italy with the Grand Cross of the Legion of Honor in 1935. If war comes they will probably be enemy commanders.

GAMELIN (continued)

Government, who were informed that this stolid soldier was a safe man politically. And he on his part, when thus suddenly elevated to supreme authority, felt more need than ever for the shrewd advice of his young military secretary.

For all Gamelin's tact, the position of confidential adviser was not easy in this stage of pre-War preparation, especially as he did not altogether share the views or the optimism of Joffre's official advisers on the General Staff. In a study of the problem made privately for Joffre he emphasized the menace of a German advance through Belgium, a contingency which they were inclined to dismiss. But at this stage Joffre naturally hesitated to take his own line, and he adopted the plan they propounded—for an offensive towards the Rhine, to pierce the German center.

When the War came this plan collapsed in ruins as the Germans swept through Belgium past the flank of the French. The shock bereft some of the French Staff of any idea beyond continued retreat. It was Gamelin who, on Aug. 25, 1914, drafted the outline of an order which sought to wrest victory from defeat by reshuffling the French forces and concentrating a fresh mass of maneuvers on the Western flank. A few days later the German right wing army, by wheeling inwards before Paris had been reached, exposed its flank to the French forces which had been assembled to defend the capital. The opportunity was swiftly appreciated by Gallieni, who had been appointed Military Governor of Paris in the emergency. Early in the morning of Sept. 4, he ordered his troops to move out to a jumping-off position ready for attack and sent Joffre a telephone message urging him to sanction its delivery.

"Attack the Germans tomorrow"

The same sense of opportunity suddenly offered had arisen in Major Gamelin's mind. About 6 o'clock that morning he walked across from his lodging to the Operations Section. Joining the officers who were assembled there, he pointed out on the map how favorably placed were the French armies for a counterstroke and declared: "We ought to profit by the chance immediately, stop the withdrawal to the Seine, and attack tomorrow." He repeated this opinion to Joffre, who came into the room shortly afterwards and who was sufficiently impressed to think it worth discussing with General Berthelot, hitherto the dominant brain at General Headquarters.

Berthelot's reaction to the idea was unfavorable. Joffre yielded for the time, but went so far as to telegraph to Franchet d'Espérey, the Army Commander principally affected, asking whether his troops were in a fit state to resume the offensive. Gamelin, meantime, was allowed by Joffre to draft provisional orders for the counteroffensive which he desired, in case they were needed. Franchet d'Espérey's answer arrived during dinner, and was moderately encouraging. Immediately afterwards, Gallieni came on the telephone and pressed the argument for the counteroffensive. Joffre at last decided to override Berthelot's advice and to strike on the 6th. Although the delay in sending out the orders weakened the stroke, the end of the Battle of the Marne saw the German armies in full retreat.

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If the exact measure of Gamelin's influence was a secret between himself and Joffre—and probably half hidden from the latter—it was beginning to be whispered abroad. The impression that was left on Allied liaison officers is recorded by General Spears: "The Commander in Chief, so impervious to outside impressions, was said to pay great attention to this smooth, chubby little officer, who looked so young and who exercised such a mastery over himself that it seemed impossible he should ever give himself away. Eloquent and low-voiced, imperturbable and distant, I have seen him in his dark chasseur uniform, following Joffre, mute if not asked to speak, precise and logical if called upon to give an opinion, always very much all there." Gamelin's reward came in the following June, when he was made Chief of the Operations branch at General Headquarters. To rise higher, however, he needed the qualifications of experience in command of troops, and in 1916 he was given a brigade. At the end of the year Joffre, with the shadows creeping over his reputation, called Gamelin back to become his Chief of Staff—at the age of 44. The opportunity came too late, for a week later Joffre was put on the shelf. A few months later Gamelin became a divisional general, in which capacity he remained until the Armistice. His handling of the division was distinguished by the way he utilized fire power to conserve manpower.

He goes to Brazil and Syria

After the War, in 1919, he was sent to take charge of the French Military Mission in Brazil, and there remained for six years. Then, in 1925, he was sent to Syria to deal with the Druse revolt, which proved a long business. But by 1927 order was restored and he was promoted to command an army corps on his return to France. Four years later, he became Chief of the General Staff. Faced by the resurrection of Germany's military power, he carried out the extension of the Maginot Line from the Rhine to the English Channel and also developed the mobility of the French forces by pursuing a gradual program of mechanization. His attitude towards such modern developments was notably receptive for a man of his age. If the younger officers on the General Staff were inclined to regard his deputy, General Georges, a soldier of vivid personality as well as razor-keen mind, as perhaps the bigger man of the two, they ascribed to Gamelin the greater readiness to push on with the mechanization and motorization of the Army.

The crowning of his career came in January 1938. A Minister of National Defense was created, who was empowered to appoint one of the three Chiefs of Staff as Chief of the General Staff of National Defense, and Gamelin was selected as the first holder of this post. His duties in peace embrace the drawing-up of mobilization and operation plans and the supervision of higher studies. In time of war, he would be responsible for the normally combined operations of the land and air forces and for any special combined operations with the Navy that might be required.

A man of exceptional tact was needed. Gamelin has it in abundance. Other assets were his innate calmness of temperament, his air of detachment, his power of unraveling complicated issues and expounding them in a simple way to untechnically-minded ministers. In discussion he rarely raises his voice, indulges in no ges-

CONTINUED ON NEXT PAGE



France's ally, Britain, was host to Gamelin at army maneuvers in 1937. With British War Minister Hore-Belisha, Gamelin came upon two "casualties" lying by the road

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GAMELIN (continued)

tulations, and is as ready to listen to others while awaiting the right moment to intervene as in the years when he was Joffre's shadow.

He has two more significant assets. One is a superb constitution through which, despite much service in trying climates, he looks much younger than his years. The other is a reputation for good luck. In war, where chance plays so great a part, such a reputation is worth much in stimulating confidence.

That quality is more than ever an asset in the present state of France. Her people, long racked by internal discords, have been shaken by the growth of the Fascist Powers' armed strength in comparison with their own. They have seen the system of alliances which they created in Central Europe, as a safeguard against a German military renaissance, shattered by successive bloodless strokes—the success of which they have themselves made possible by their unwillingness to take risks in maintaining their own scheme of collective security. In place of the "cobweb" which they wove round Germany they now see the Berlin-Rome axis being extended and bent into an enveloping ring of steel. Confidence in their power to resist it has been affected by uneasiness over the state of their own defenses.

Doubts of the efficiency of the navy in certain technical respects have been accentuated by the undisguisable evidence that various new ships were not completed until long after scheduled dates. Anxiety has been increased not only by the opposing growth of the Italian navy but by evidence that its pace of construction was rapid, especially in light craft. In submarines Italy now has a preponderance, and to that potential threat to the French "lifeline" across the Mediterranean is now added the large number of fast motor torpedo boats, the little "sea sleds," which the Italians have been building.

Still more depressing has been the effect of revelations as to the efficiency of the French air force and aircraft industry. Within a comparatively few years the French air force has sunk from the strongest in the world to the weakest among the Great Powers. Early last year she was understood to be in process of expanding a first-line strength, which had dwindled to some 1,000 machines, up to a figure of 1,500 machines. Yet it is said that when the September crisis arose her effective number was considerably less than 1,000. Some reports put it as low as 700. A new Plan V just adopted aims at the creation of a first-line strength of 2,600 machines. France has suffered too long from a tendency to maintain nominal strength by preserving obsolete machines which should have been discarded, as well as from an eyes-on-the-ground habit of subordinating the needs of the air to those of the army. Partly as a result of malnutrition the capacity of her aircraft industry has become cramped. Its recent output is said to have been less than 100 machines a month compared with a German output of 300 or more.

An Army for defense has advantages

Meantime, as in the past, the French pin their faith to the strength and solidity of the army. Contrary to traditional notions of the French Army, it is nowadays pedestrian rather than athletic in nature, sound rather than brilliant in performance. But its training has a thoroughness which that of the newly expanded German army can hardly expect to match as yet. Its prospects, also, are improved by the fact that French policy, having no aggressive designs, is more suited to modern military conditions wherein the offensive starts with a heavy handicap. To achieve its object an aggressive power has to conquer its opponents, whereas a peace-desiring country like France has merely to convince the aggressor that he cannot conquer—a much easier task.

These inherent assets help to offset the smaller scale of the French forces. At peace strength the field army at home amounts only to some 33 divisions of all types, compared with the 52 at least of the German Army and the 45 of the Italian Army. In mechanized troops the Germans have a still higher ratio of superiority, having five fully mechanized divisions to France's two. On the other hand the French have a larger proportion of tanks which actually form part of the infantry arm, and these are more heavily armored than those which the Germans have built hitherto. Their resources in artillery are probably greater. Moreover, a reckoning by number of divisions, although the customary method of calculating the scale of armies, does not adequately represent the strength of the French, at any rate for defense. For the permanent garrison of the Maginot Line absorbs a large part of their peace-

time forces. The troops who constitute this garrison—the "shell-fish of the forts"—are composed of units specially organized to fit each particular fortified locality, like a handmade suit. In total, they represent the numerical equivalent of at least five divisions, and in real value still more because of the strength of the defenses they man.

Strategy of French defense

Even so, the peacetime establishment of the French troops serving at home amounts in men to barely half a million, whereas the German Army is probably twice that. If war should come in the near future, the French would probably have the advantage in trained reserves, since the Germans are still handicapped by the effect of the long post-War period when conscription was forbidden. But the fact that the French are believed to have about five million trained men does not mean that they could employ anything like that number on the outbreak of war. The number that can be used depends on organization and on the equipment available, and it is questionable whether the French, on mobilization, could do more than double the size of the field army which they possess in peace. For in modern war the output of the factory does more than the birthrate to determine the effective size of army that a nation can produce.

Any calculation of the comparative odds is enough to show that they cannot expect to defeat Germany by undertaking an offensive campaign. It is true that in 1914 they stood at a similar disadvantage, yet opened the war in the West with a general attack, having hypnotized themselves into the belief that racial *elan* would endow them with a moral superiority that nothing could check. But the disasters they suffered then produced a state of disillusionment in which their natural realism reasserted itself. And this has remained with them. In any future war their general strategy is likely to be defensive, while even in their tactics they may be expected to remember the need of cutting their coat according to their cloth, and conserving their strength.

If war had come in September they would probably have tried a number of carefully prepared and strictly limited attacks on weak points of the new Siegfried Line as a means of occupying the Germans' attention and thereby relieving the pressure on Czechoslovakia. If they have to fight without any allies in the East, they may decide that it is wiser to remain definitely on the defensive while waiting and watching for opportunities of delivering well-timed counterstrokes after the enemy has battered himself against the fortified barrier.

Such an attitude is well suited both to the psychology of their troops and the degree of their training. For in comparison with its neighbors France has an army of veterans. If the men are no older in years, they are more mature militarily, having been poured into a cask of well-seasoned wood. Raw troops or a newly grown army may have more drive in an initial attack, but maturity promises staying power as well as the skill to seize openings for a riposte. Those qualities are likely to be especially manifest among Frenchmen who would be fighting in a way that accords with their military sense and in the one cause that reconciles all their political differences—the defense, by defense, of their own soil.



During the Czech crisis Gamelin was in constant conferences with military and diplomatic leaders. Here he is talking to Minister of the Interior Sarraut (right).

"Confound it! If it's good enough for me...it's good enough for him!"

How a young couple learned the modern way to bring up their baby.



JANE: For mercy's sake, Sid... Are you losing your head?

SID: Now, wait a minute. Don't fly off the handle!



JANE: My goodness!... the idea of giving that child a dose of your own laxative!

SID: Look here, Jane. You know darn well he needs a laxative badly. I know mine works. So what's the harm in giving him just a bit of it?



JANE: Plenty, my dear NIT-WIT. You see, I just came from the doctor's. I told him about the trouble we were having with Bobby. And I asked him what to do.

SID: What did he say?



JANE: He said that the modern method of special child care, calls for a special laxative, too. He said an adult's laxative can be too harsh for ANY tot's immature system... even when you give it in smaller doses. He recommended Fletcher's Castoria.



JANE: He said Fletcher's Castoria is a modern laxative...made especially to suit a child's needs. It has no strong, purging drugs and won't cause cramping pains. He said it's on the safe side, yet very thorough.



SID: Man alive—look at him go for it!—And with that finicky taste of his!

JANE: The doctor was right. Fletcher's Castoria has a wonderful taste. Thank heaven, we found a SAFE laxative he'll take willingly!

Chas. H. Fletcher **CASTORIA**

The modern—SAFE—laxative made especially and ONLY for children



Applause!

...for a newcomer to Broadway—
and a new *Vanity Fair* Slip

In a smash hit "Leave It To Me" Mary Martin stops the show with her strip tease song by Cole Porter, "My Heart Belongs to Daddy", which she sings to the wild applause of the gentlemen present. So, feeling she will be equally applauded in *Vanity Fair's* chic Radia Slip, we asked some prominent gentlemen to voice their opinions. We think it a refreshing change to note the enthusiastic comments of these New York sophisticates.

Here's what the "Bon Vivants" think, ladies:

EDDIE DUCHIN:

"It looks to me as if Mary Martin is registering as much oomph in this picture as she did in the record we've made of Cole's 'My Heart Belongs to Daddy'."

BILLY ROSE:

"I met Mary Martin two years ago in Fort Worth, Texas. She wore a little home made costume. I never dreamed that I'd see her in a swell looking slip in the swank pages of this magazine. Good luck, Mary!"

COLE PORTER:

"It's a great break for me to have Mary Martin sing 'My Heart Belongs to Daddy'—and what a break for *Vanity Fair* to have her wear that Radia number."

SHERMAN BILLINGSLEY, Owner of "Stork Club"
"I loved watching Mary Martin singing Cole's amusing song—it's a pleasure to have her in the Stork Club—and it's equally pointless to see this newcomer to Broadway in the Radia Slip she's wearing in this picture."

LUCIUS BEEBE:

"As in humor, so in feminine underthings: brevity is the soul of wit. And this seems to be a vast improvement over a number of things I can remember."

The *Vanity Fair* Slip Mary Martin is wearing is of RADIA, a heavenly fabric of rayon. Easy to launder, needs no ironing. Two lengths for flawless fit. Teal-rose and white. Sizes 32 to 42. \$2.00 at leading stores. Send for "Intimate Fashions in Vogue", illustrating *Vanity Fair* underwear, slips and nightgowns.

VANITY FAIR SILK MILLS • READING • PA.



HER BABY IS DUE IN JUNE, YET SHE LOOKS STYLISHLY SLIM IN THIS GOWN

MATERNITY CLOTHES USE NEW DEVICES

Since more babies are born in the United States in August than in any other month, March is the month for maternity clothes promotion. For years the wrap-around dress, which can be tied at any desired width around the waist, has been the classic uniform for maternity wear. This March, however, stores throughout the country will be showing maternity dresses based on entirely new principles of expansion.

The problems facing designers of maternity clothes are: 1) to provide enough fullness without bulk to take care of the increasing girth; 2) to achieve this without extending the neckline; 3) to maintain a slim, straight line from hips to hem. Eloise Glover, a bright young designer, has devised a front-lacing arrangement on which she has applied for a patent. Revolutionary are her Latchet-line slack outfits and bathing suits for expectant mothers.

On this page and the next, the pretty young wife of a Philadelphia doctor is seen trying on some of the new and classic clothes at the John Wanamaker Maternity Shop in Philadelphia. She expects a baby in June.

A slack outfit for expectant mothers is news. It costs \$35.



Facings on a short panel give expansion without distorting sides. Holes are for waist adjustment.





Bathing suit with matching coat costs \$22.95. Front panel hides inner lacings.



Front lacing from the neckline to below waist makes garment easily adjustable.



Smock dress in two pieces costs \$29.95, is one of the most popular new styles.



Horizontal adjustable fasteners at both sides provide for bulkless expansion.

Classic wrap-around, one-piece, is the most popular type of maternity dress.



Lastex shirring at front gives fullness without distorting neck or hip lines.

TRUE-or False?

Nearly everybody drinks coffee every day...and you'd be amazed at how little they really know about their favorite beverage. And how much they know — that isn't true! Here are a few facts and falsities about the world's most popular drink.

WHAT'S YOUR SCORE? Put a check mark in the "true" or "false" squares below—then compare your answers with those at the end of each statement of the facts.

TO DOCTORS AND SCIENTISTS—References to the medical authorities for the following statements will be supplied on request.



YOU TASTE COFFEE WITH YOUR NOSE.* True? ☐ False? ☐

The only sensations of taste you get with your tongue are sweet, bitter, acid and salt. The real coffee "flavor" that you enjoy actually comes from the aroma which stimulates the nerves through which we smell, located in the upper part of the nose.

Statement in the headline above* is True.

COFFEE HELPS YOU SLEEP.*

True? ☐ False? ☐

Here is what actual laboratory tests on men and women show: Coffee is a pick-up. It exhilarates. Disperses drowsiness and fatigue. Body and brain both become thoroughly wide-awake. But...the action wears off in two hours with 97 out of 100 people. And after this two-hour period coffee neither helps you to sleep nor keeps you from it. You can drink all the coffee you want after dinner, and by bedtime you'll never know the difference.

Statement in headline above* is False.



Coffee Combats Autointoxication

COFFEE COMBATS AUTOINTOXICATION.*

True? ☐ False? ☐

From "Coffee: The Epic of a Commodity" by H. E. Jacob... "In the joints of the arms and legs it dispels the paralyzing accumulation of the products of fatigue, i.e. auto-intoxicant poisons. It increases the vigor of the skeletal muscles, promotes the activity of the kidneys. Every cell of the human body is, as it were, renovated as soon as coffee reaches it." Coffee does combat autointoxication.

Statement in the headline above* is True.



To make good coffee use enough—a heaping tablespoonful for each cup!

COFFEE MAKES YOUR BRAIN FUNCTION BETTER.* True? ☐ False? ☐

Students at examination time, writers concentrating on a poem, psychologists studying mental reactions... all know how coffee quickens the brain. Milton A. Bridges, M.D., in his book "Dietetics for the Clinician" says, "Coffee exerts a direct action upon the higher centers of the nervous system. It induces mental clarity, facilitating the reception of sensory impressions and the removal of the sense of fatigue."

Statement in the headline above* is True.



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Published by the Pan American coffee producers, for the benefit of the American public, the largest consumers of coffee in the world.
BRAZIL • COLOMBIA • CUBA • EL SALVADOR • NICARAGUA • VENEZUELA

Life Goes to a Party

in Hollywood for which 200 movie stars
ransacked studios for Gay '90's costumes

Hollywood parties are good fun. One of the best of the year was given late last month by Radio Comedian Edgar Bergen in honor of his famous dummy, Charlie McCarthy, to celebrate completion of their latest picture, *You Can't Cheat An Honest Man*. Guests came as entertainers of the "Good Old Tera Pastor Days." The ballroom of the Beverly Hills Hotel resembled an old-time music hall with tables around the edge of the dance floor, stage at one end. In the bar was a row of penny-arcade stereoscopes showing *Little Egypt* and *The Great Train Robbery*.

The best parties are those that have the least dignity. The costumes worn by Mr. Bergen's guests were such as to demolish dignity entirely. At 2:30 a.m. the party reached its climax in an impromptu floor show. Had its participants been paid at their normal wage rate, this might have been extravagant even for Mr. Bergen, who makes more than \$10,000 a week from movies, his Chase & Santorum radio program and the sale of McCarthy products. At left is Martha Raye.



Bergen wore a plug hat. Dummy McCarthy was in black-face for finale as he is in *You Can't Cheat An Honest Man*.



Tyrone Power arrived at the party in a carriage, looking like Lew Fields, with wig, false whiskers and a putty nose.



Nancy Carroll, now making a movie comeback, danced with Los Angeles Socialite **Bill Stephenson**, in ice-cream suit.



Dorothy Lamour, usually seen on the screen in a sarong, attended the party fully clothed. Her dress had a train.



High point of floor show was a can-can dance performed by (left to right) **Betty Grable**, **Princess Baba of Sarawak**,

Martha Raye, **Dorothy Lamour** and **Shirley Ross**. Demure from the front, Miss Ross's dress was shockingly scanty

in the rear. She wore old-fashioned pantaloons. Most stars at party borrowed their costumes from studio wardrobes.

Old Party

MEANS MORE MILES!



The regular use of Quaker State Motor Oil means more miles of care-free driving. This is made possible because Quaker State is pure . . . acid-free. Each drop of oil is rich lubricant . . . possesses maximum heat and wear resisting qualities. Choose *Acid-Free Quaker State* now and your car will run better, last longer. Quaker State Oil Refining Corporation, Oil City, Pennsylvania.



FOR THE 1 MAN IN 7 WHO SHAVES EVERY DAY

HERE'S A SPECIAL SHAVE CREAM

It's Not a SOAP... Not Greasy
Needs No Brush... Leaves
Your Skin Soft and Smooth

Daily shaving leaves many men's faces raw, sensitive. This is especially true of the man who, because of his business and social status, must shave every day.

To meet this condition Williams has now developed a special cream for daily shavers. It's called Glider. Wash face thoroughly with soap and warm water to remove razor-dulling grit, then spread on Glider quickly, easily with your fingers. No brush. No lather. Not sticky or greasy.

A superabundance of moisture in this rich cream softens each whisker, yet forms a protective layer over your face to keep blade from scraping. Swiftly and gently your razor glides over your skin. Like a cold cream, Glider helps smooth and soften your skin and prevent chapping and roughness. Glider is the result of nearly 100 years' experience in making fine shaving preparations.

Try Glider at our Expense:

Send your name and address on a penny post card, for a generous FREE tube of Glider "No-Brush" Cream. The J. B. Williams Co., Dept. LG-21, Glastonbury, Conn.

WINNERS in the PARD PUPPY- NAMING CONTEST!

\$5,000.00
FIRST PRIZE

LENA D. McCAULEY
1408 Sutherland Place,
BIRMINGHAM, ALABAMA

\$1,000.00 Second Prize
T. D. ROE, Denton, Maryland

\$500.00 Third Prize
HAZEL B. ERNST
7409 Franklin Blvd., Cleveland, Ohio

The 75 other winners have
been notified by mail

PARD

Swift's
Scientifically
Balanced Dog Food



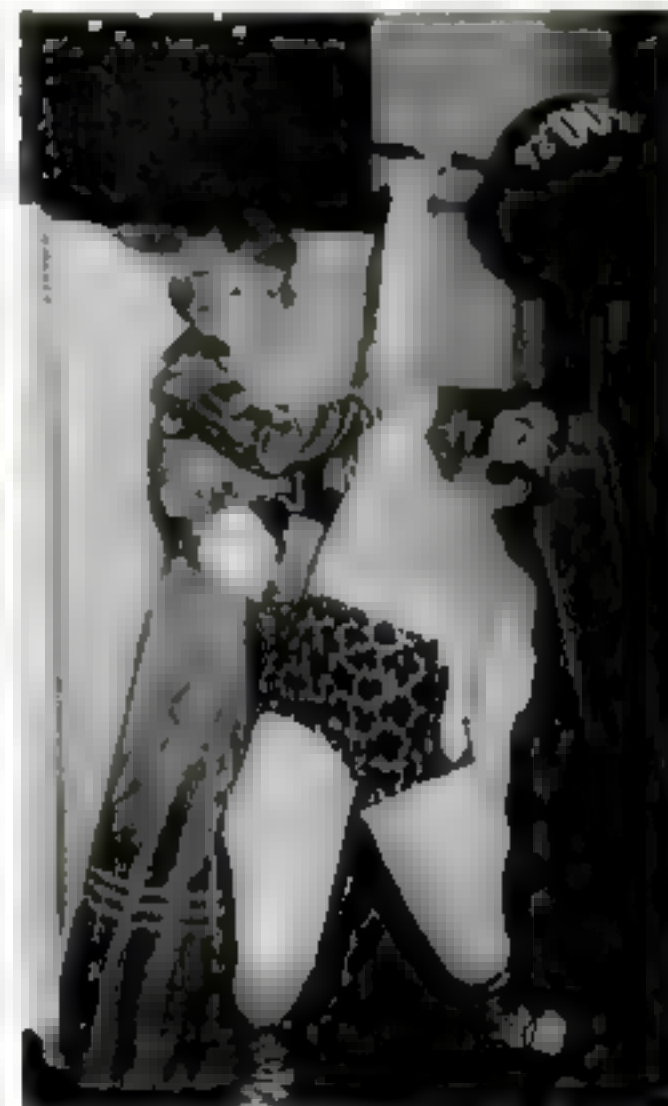
Life's Party (continued)



With Comedian Ken Murray, as a tin-horn sport who was too unmannerly to remove his hat, Betty Grable, as Claudette Colbert in *Zaza*, danced an 1890 shag. Ten days later she underwent an appendectomy, brought Jackie Coogan to her bedside.



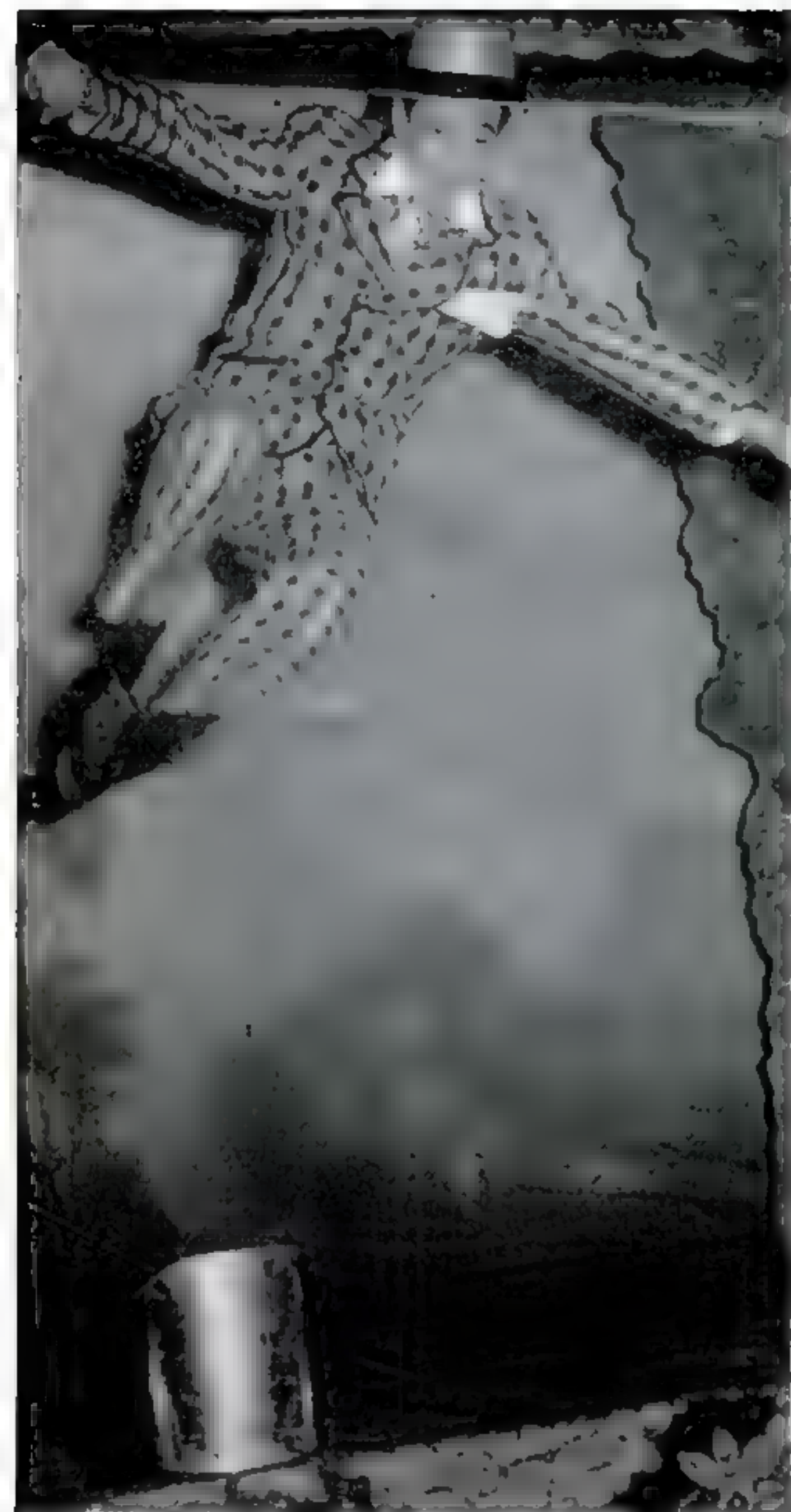
Martha Raye and Harry Ritz of the Ritz Brothers do shag. Show was organized by Bergen, sets designed by Ralph Blow.



Princess Baba of Sarawak and her husband, Wrestler Bob Gregory, performed a strong man act in the Bergen show.



Alix Magi and Merrilee Lannon put on a "Sisters of Purity" act. Miss Lannon as Carrie Nation stormed in during the performance shouting "Down with liquor!", was thrown out by Andy Devine. The party did not break up until 4 in the morning.



Dancer Ray Bolger during the show started out by giving an old-fashioned soft-shoe dance and an imitation of Harry Ritz. Then he forgot himself and did some incredibly agile burlesque of ballet which is his specialty. He was the hit of the show.



For Ray Bolger's splits and other antics his highly appreciative professional audience applauded for five minutes, and made him do several encores. Bolger, who went to Hollywood in 1936 after a long career on Broadway, stars in *The Wizard of Oz*.



EXTRA SOFTENING TO CHAPPED HANDS

Chapping • Dry skin
Windburn • Chafing
Cracked lips
Hangnails • Body-rub
Chapped heels, legs
After-shaving lotion
Powder base

**EXTRA
BONUS
BOTTLE**

A 2-bottle bargain! Hinds medium size and Bonus Bottle—both for price of medium size. Nearly 20¢ extra lotion! Money back on medium size, where you bought it, if Hinds Honey and Almond Cream doesn't make your chapped hands feel smoother. At toilet goods counters.

Copyright, 1939, Loh & Pink
Furniture Corp., New York, N. Y.



EVEN one application of Hinds Honey and Almond Cream makes chapped hands feel smoother! It's extra creamy—works fast. Coaxes back the softness that raw cold, steam heat, hard water, and dust take away. Gives your hands a soft, lovely look that men admire. Use Hinds regularly for hands like "Honey's"—smooth, feminine. 10¢, 25¢, 50¢, \$1 sizes.





RAW THROAT? *Start Gargling Now!*

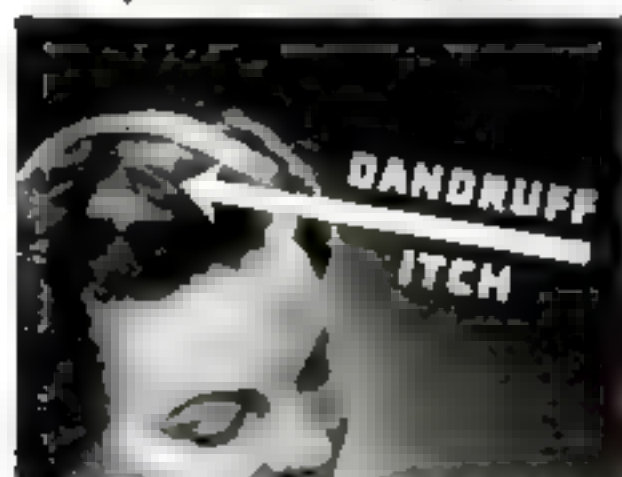
At the first sign of a raw, dry, ticklish throat, gargle with Zonite.

Gargling with Zonite benefits you in three ways: (1) it kills the germs connected with colds — at contact; (2) eases the rawness in your throat; (3) relieves the painful swallowing.

If you're looking for antiseptic results, and not just a pleasant-tasting mouthwash—Zonite is your product!

So be prepared. Get Zonite from your druggist. The minute you feel rawness in your throat, start gargling. Use 1 teaspoon of Zonite to $\frac{1}{2}$ glass of water. Gargle every 2 hours. Soon your throat feels better.

If you feel feverish or grippy, see your doctor at once.



DANDRUFF ITCH? *Here's an Antiseptic Scalp Treatment*

Shampooing with plain soap is good. ...But many doctors say this: When you have dandruff caused by germs, the best way to combat it is to *kill the germs* when you cleanse your scalp and hair.

Here is a simple treatment that does what skin specialists say is necessary:

1. Add 2 tablespoons of Zonite to each quart of water in basin.
2. Massage head for 3 minutes with this Zonite solution. *This gives head an antiseptic cleansing — stimulates scalp — kills germs on hair and scalp at contact!*
3. Lather head with good shampoo, using same Zonite solution. (We recommend "Barcelona" Castile Shampoo.) *This loosens dirt and dandruff scales.*
4. Rinse very thoroughly. *This leaves scalp clean and sweet-smelling.*
5. If scalp is dry, massage in a good oil hair dressing. *This relieves dryness.*

Do this twice a week at first. And later, once a week.

MONEY-BACK GUARANTEE

We are convinced that if you use this Zonite treatment faithfully, you'll be delighted with results. That is why we guarantee complete satisfaction—or your money back in full! Zonite, New Brunswick, N. J. In Canada, Ste. Therese, Que.



*Zonite is a clear, colorless, liquid antiseptic—an improvement on the famous Dakin Solution which revolutionized World-War surgery ...

Use **ZONITE** for
FIRST AID • SORE THROAT
BAD BREATH • DANDRUFF
ATHLETE'S FOOT

PICTURES TO THE EDITORS



MURDER IN THE SNOW

Sirs

This picture tells a complete story of murder in the moonlight.

A Whitefoot field mouse started out (lower center) in search of breakfast or his lady friend. The owl dropped out of the sky and struck at him but missed (note owl's wing marks at upper left). The mouse scurried madly for shelter of the weeds (upper right). The owl scared the mouse out of there. The mouse, by now, is scared badly and jumping hard. Note

track of his tail, which is his distinguishing trail mark. The owl struck again and got the mouse. Small black spot is a little blood which marks where the accident occurred. Lower center shows pattern of the owl's wings where he took off with the dead mouse.

This happened at night, when mice and owls go about their business. A picture like this can only be taken when soft snow has fallen on the previous day, with no wind to spoil its patterns.

MURIEL ROSE

Bryn Athyn, Pa.



ORIGINAL UNDIES

Sirs

May I present the "Original Undies" of Detroit, the only basketball team in the world completely attired in union suits. Ours is a fastidious group who positively

demand that all exposed flesh be veiled. Each "suit" is a fine substitute for a sweat suit and an excellent subterfuge to shroud hairy legs.

SAM J. JELALIAN

Detroit, Mich.



...that starts faster—

...flows more smoothly—

...that dries faster, too—

...and is richer in color—

• New Carter formulas. Even finer, smooth-flowing ink. The 9 rich colors add distinction to your writing ... Smart, colorful Cubes ... Wide mouths for easier filling and dipping ... In Permanent, Washable and Sunset Ink.

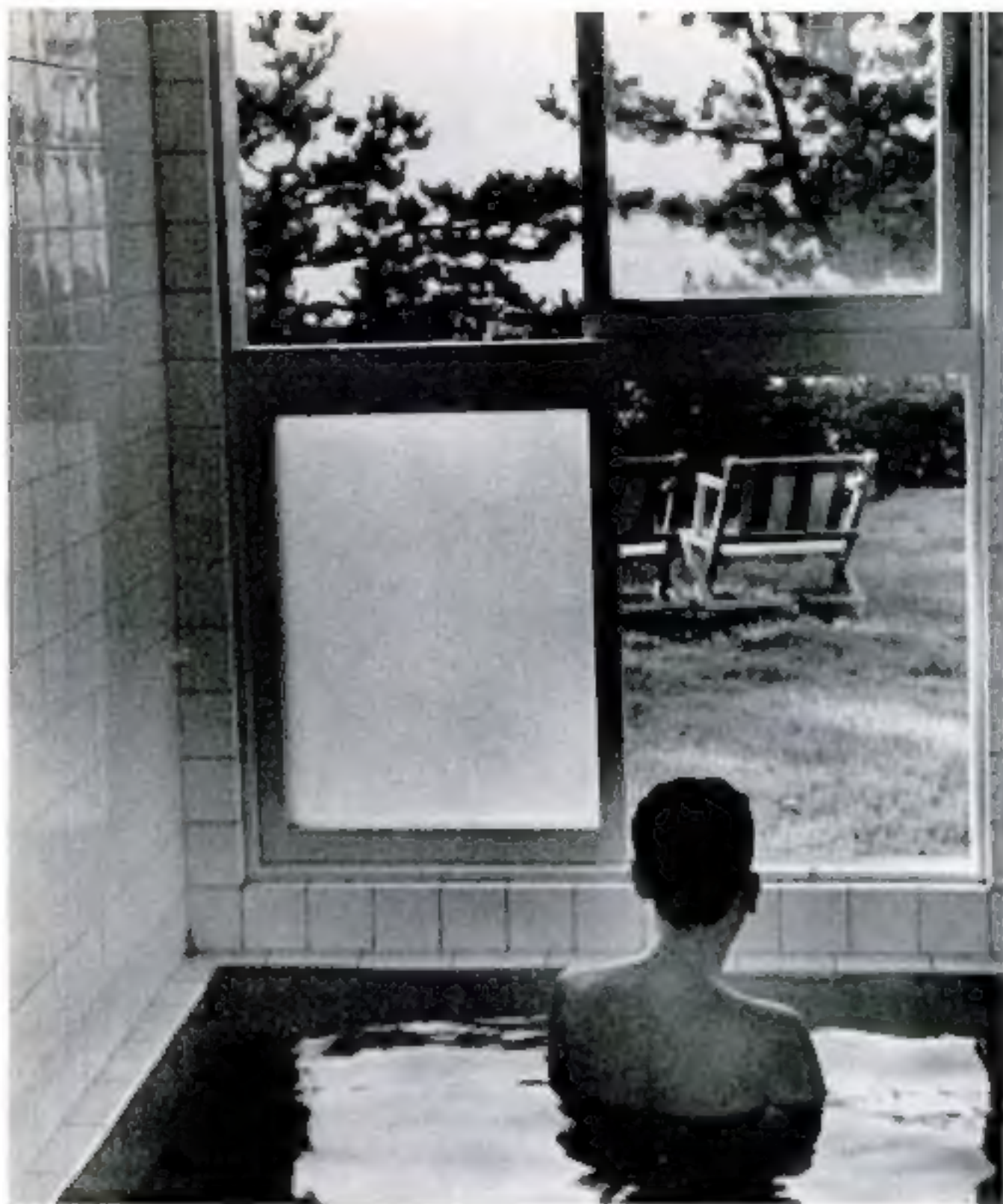
THE NEW CUBE-WELL—A fountain-reservoir inkstand with extra-large Cube of ink. Self-starting pen "writes" pages at one dipping.

89¢

(98¢ Denver west)

CARTER'S INK

Finest for Fountain Pens • Also Adhesives, Carbon Paper, Typewriter Ribbons, Cube-Wells



BATHTUB IDEA

Sirs:

Some time ago we saw in your magazine a picture of a Japanese gentleman, sitting in his bathtub, looking out of a large window right by the tub (LIFE, Aug. 30, 1937, see above). Friends could come and chat with him while he bathed. We have copied this bathtub and win-

dow arrangement in the home we have built with our own hands here in Arizona (below). The bathroom is the talk of the town. We express our appreciation to LIFE.

That's my husband in the tub, waving to friends.

NAN ELIZABETH BOLSIUS
Tucson, Ariz.



OLD FORESTER

ITS FAMOUS LABEL STILL CARRIES
THE SIXTY-EIGHT YEAR OLD ASSURANCE

*"There is nothing better
in the market."*

AMERICA'S "GUEST
WHISKY"
SINCE 1870

*By
Brown-Forman*



KENTUCKY
STRAIGHT BOURBON
WHISKY

Bottled in Bond under
U. S. Government
Supervision. This
Whisky is 4 Years
Old—100 Proof.

"By Brown-Forman"
NO FINER NAME IN WHISKY



EARLY TIMES OLD TUCKER

*The Whisky That Made
Kentucky Whiskies Famous*

A name that is famed through the
years to lovers of fine whisky. Tra-
ditionally great—at a low price. A
Kentucky Straight Bourbon Whisky
90 Proof.

4 Fine Whiskies in One

Selected for particular qualities to
meet the taste of those who prefer
fine blends. The straight whiskies
in this product are 3 years or more
old. A Blend of Straight Whiskies
90 Proof.

BROWN-FORMAN DISTILLERY COMPANY, INCORPORATED, At Louisville in Kentucky Since 1870



CONSTIPATION due to insufficient bulk in the diet should yield to Post's Bran Flakes eaten regularly—as a cereal or in muffins. A com-

petent physician should be consulted for cases not corrected in this simple manner. A Post Cereal—made by General Foods.

PICTURES TO THE EDITORS

(continued)

JALOPY'S END

Sies:

Two high-school students of Beaumont, John and George Grainger, said to be the tallest twins in Southern California, disposed of their old car in an original way.

They paid \$10 for a 1923 car last summer. They managed to keep it running till the first of this year when they

couldn't raise the money for the license and taxes. So they decided to put on a show. They would drive the car at full speed over a 60-ft. cliff. They charged 10¢ admission for grammar-school children and 25¢ for others. Afterwards they sold the wreckage for junk.

Although everyone didn't pay, they cleared about \$10 on the event.

EARLE A. CURTIS
Beaumont, Calif.



JOHN AND GEORGE GRAINGER SAY GOODBYE TO THEIR 1923 JALOPY



THEY START IT TOWARD A CLIFF, JUMP OUT AND WATCH IT GO OVER



THE JALOPY LANDS IN A HEAP AT THE BOTTOM. TOTAL PROFIT: \$10

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When your love life turns a trifle sour; when something turns up to turn that sunny guy of yours into a grouch, take a tip from your great-great-grandmother's book. Try tempting that man of yours with his great-great-granddaddy's fatal weakness—hot gingerbread and lots of it. It's a grand old custom and it works. No fuss either, these days, thanks to Dromedary Gingerbread Mix. All you do is just add water and bake. It's as simple as that.



15¢ for a feast:—if you have brains, but little experience, here is a trick worth knowing. Just heat a can of the new Dromedary Date-Nut Bread in a pan of boiling water and, in 20 minutes by the clock, you have it—Steamed Dromedary Date-Nut Pudding, rich as romance and liable to start one, especially if you top it off with hard sauce—flavored, perhaps, with a dash of that brandy your great-great-grandmother used to use.



In the days when men were men and "a skin you love to touch" was merely one of a maiden's minor charms, Apricot Gingerbread Shortcake was a major cause of love at first sight. It still can be, even if you do not claim to be the world's greatest cook. **New Speed Recipe:** Just add water to Dromedary Gingerbread Mix and bake. Split your cake in two layers. Then, between and on top, be lavish with whipped cream and apricots. Believe your great-great-grandmother—it works.



Date-Nut Bread— but that's only the beginning. Here is a bread the like of which you have never tasted. Sure... it is rich and moist and tender, and stuffed with luscious nut meats, but that's only the beginning. Into this bread, and only this bread, go those gorgeous golden Dromedary Dates all the world loves. No wonder, deep-down inside, it hits the spot.



Made from the 200 year-old "Receipt" of George Washington's Mother

By special permission of the Daughters of the American Revolution, Dromedary Gingerbread Mix is made from the famous 200-year-old private recipe of George Washington's mother. Tonight, give your man a treat he will long remember. Give him this rich, spicy gingerbread that Washington and his officers yearned for with such ravenous delight. We promise you the most gorgeous gingerbread you ever tasted—or double your money back.



The only Date-Nut Bread made with the world-famous Dromedary Dates

Important: Dromedary Date-Nut Bread is so new not all stores have it. If your grocer can not as yet supply you, just send us his name and address with 15¢ (the regular retail price) and we will mail you a full-size can postpaid. Double your money if not delighted. The Hills Brothers Co., Box 12, Trinity Station, N. Y. C.





Its taste
holds the answer



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"Delicious and refreshing." That's ice-cold
Coca-Cola...the drink everybody knows. Good
things from nine sunny climes poured into
a single glass. Your thirst asks nothing more.



THIRST STOPS HERE...
FOR ICE-COLD COCA-COLA

25 TUXEDO ROAD - R F D 6
ATLANTA GEORGIA